Remedial Investigation Report
City of Durham Parks – Lyon Park, NONCD0000822
1101 Cornell Street & 1200 W. Lakewood Ave.
Durham, Durham County, North Carolina
Task Order RI-9A
S&ME Project No. 23050630

PREPARED FOR:

North Carolina Department of Environmental Quality
Division of Waste Management – Inactive Hazardous Sites Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

PREPARED BY:

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

April 6, 2026

February 17, 2026

North Carolina Department of Environmental Quality
Division of Waste Management – Special Remediation Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

Attention: Mr. Kevin Kelt
Hydrogeologist
via email: kevin.kelt@deq.nc.gov

Reference: **Remedial Investigation-Soil Gas, Groundwater & Surface Water/Sediment Report**
Lyon Park – 1101 Cornell Street & 1200 W. Lakewood Avenue
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000822
NCDEQ Task Orders 822RI-9A
S&ME Project No. 23050630BJ

Dear Mr. Kelt:

S&ME, Inc. (S&ME) is submitting this report summarizing the results of the Remedial Investigation Waste Delineation activities conducted at the above-referenced site in Durham, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposal No. 23050630BJ, dated September 30, 2025, for Task Order 822RI-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

Please call us at 919-872-2660 with any questions or comments.

Sincerely,

S&ME, Inc.

Brandon Governo
Staff Geologist
BrandonGoverno@smeinc.com

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

Senior Reviewed by: Thomas P. Raymond, P.E. - Senior Engineer

Attachment: Remedial Investigation Report

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1.0 Summary of Current Investigation

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposal No. 23050630BJ, dated September 30, 2025, for Task Orders 822RI-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

- Groundwater monitoring well assessment;
- Landfill gas probe assessment;
- Surface water and sediment assessment; and
- Preparation of this report.

S&ME's services were performed in general accordance with the North Carolina Department of Environmental Quality (NCDEQ), Inactive Hazardous Sites Program guidance documents: *Guidelines for Addressing Pre-Regulatory Landfills and Dumps* and S&ME's approved *Standard Operating Procedures and Quality Assurance (SOP/QA) Manual*, previously approved by NCDEQ.

2.0 Landfill Gas Assessment

2.1 Soil Gas Probe Field Screening Methods

The landfill gas probe (LFGP) and landfill gas implant (LFGI) construction details are presented in **Table 1** and the location of the LFGP's are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I.** On November 4, 2025, landfill gas and offsite soil gas probes and implants that did not have high water levels were screened for landfill gas. **Figure 2** shows the data from the field screening event. Portable meters were used to collect the following parameters at each soil gas probe, soil gas implant, and background screening location:

- Landfill Gas Meter – GEM5000 PLUS for the following:
  - methane: 0-100%, +/- 0.3% to 1.5% accuracy
  - hydrogen sulfide: 0-500 parts per million-volume (ppm-v), with +/- 2.0% accuracy
  - carbon dioxide: 0-100%, +/- 0.5% to 1.5% accuracy
  - oxygen: 0-25%, +/- 1.0% accuracy
  - barometric pressure: +/- 14.7 inches mercury from calibration pressure, +/- 1% inches mercury accuracy
- Photo-Ionization Detector (PID) MiniRAE 3000 for total volatile organic compounds (VOCs): 0-15,000 ppm-v, with +/- 0.1 ppm-v resolution over range of 0 to 999.9 ppm-v and +/- 1 ppm-v resolution over range of 1,000 to 15,000 ppm-v.

Each of the meters listed above has an internal pump, which was used to draw air samples from the gas probe through the portable meters. New Teflon® tubing was connected from the meters to the soil gas probe cap for sampling.

A thermohygrometer was used to measure ambient air for humidity and temperature. The landfill gas screening forms which summarize the results are included with the field documents in **Appendix II**.

2.2 Landfill Gas Screening Results

2.2.1 Volatile Organic Compounds

VOCs were not detected in any of the LFPG screening locations or in the background screening locations.

2.2.2 Methane

During the screening event, methane was detected at all LFGPs, except LFGP-1.

2.2.3 Hydrogen Sulfide

During the screening event, hydrogen sulfide was not detected at any of the LFGPs or in the background screening locations

The landfill gas screening results are summarized in **Table 2** and shown on **Figure 2**.

2.3 Landfill Gas Sampling

On November 11-12, 2025, S&ME personnel used batch-certified sampling canisters to collect samples (including duplicate samples) from ten landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, Methane by ASTM Method D1946, and Hydrogen Sulfide by EPA Method TO-15.

2.3.1 Shut-in Testing

Prior to beginning sample collection, S&ME performed a shut-in test and helium leak test in general accordance with the Pre-Regulatory Landfill Guidance document. The shut-in test was performed by attaching the dedicated sampling array (series of dedicated stopcock valves, Teflon® tubing, and silicone tubing) to the soil gas probe on one end and to the regulator installed on a batch certified six-liter SILO canister on the other end. An open end of the sample array (three-way stopcock) was connected to a 100 ml/cc dedicated syringe. The syringe was then used to pull vacuum on the sample train (approximately 10" of Hg – indicated on the regulator vacuum gauge). Once the vacuum was created the three-way stopcock was closed to seal the sample train. After approximately one minute of the vacuum being held on the sample train, the vacuum was released, and the shut-in test was considered successful.

2.3.2 Helium Leak Testing

To perform the helium leak test, the syringe was replaced by additional Teflon® tubing and was connected to the purge port on the leak testing shroud. Next, a section of Teflon® tubing was then attached to the end of the stopcock valve and fitted through a plastic shroud that was placed overtop the soil gas probe sampling array. S&ME then injected helium gas into the plastic shroud until the concentration reached at least 15% helium, as monitored with a helium detector. The gas probe and sampling array were monitored for leaks by using a calibrated personal pump to purge air from the sampling array into a Tedlar® bag.

The purged air from the sampling array in the Tedlar® bag was then monitored for the presence of helium gas concentration with a helium detector. Per the NCDEQ Vapor Intrusion Guidance Document (March 2018), the helium concentrations detected during the leak test shall not exceed 10% of the helium concentration contained in the shroud. Each of the gas probes or soil gas implants, and sampling arrays had a successful leak test.

2.3.3 Purging and Sampling

After successfully passing the leak test, a minimum of three volumes of air were purged from the gas probes and sampling arrays. After purging the sampling array, the ball valve attachment on the T-connector leading to the purge point was closed and the valve on the regulator was opened to allow the collection of the samples into SILO canisters, for VOCs analysis by EPA Method TO-15. Samples were then collected for Mercury analysis by NIOSH 6009 utilizing sorbent tubes and personal pumps. Finally, samples were collected with a pump into Tedlar® bags for Hydrogen Sulfide analysis by ASTM Method D5504. The laboratory reports and chains of custody records are in **Appendix III**.

After collecting the gas samples, the SILO canisters were shipped under standard chain-of-custody protocol to ESML for Mercury analysis by NIOSH Method 6009 and Hydrogen Sulfide by EPA Method ASTM D5504, and to Eurofins Air Toxins for VOCs analysis by ASTM Method TO-15 and Methane analysis by ASTM D1946. The laboratory reports and chain of custody are in **Appendix III**.

2.4 Landfill Gas Sample Results

Due to gas composition and laboratory instrument limitations, the landfill gas samples were diluted by the laboratory. Sample dilutions result in higher laboratory detection limits. Therefore, compounds may be present at concentrations below the elevated detection limit and could be considered unacceptable risk based on the NCDEQ Risk Calculator. For this assessment, only compounds detected above the laboratory detection limits were entered into the NCDEQ Risk Calculator. As a result, additional sampling is necessary to further evaluate potential risk from landfill gas at the site.

The laboratory reported detections of multiple VOCs and other analytes in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of the soil gas to the indoor air pathway. The Residential Receptor Risk was not exceeded at any sample location. Hydrogen Sulfide was not detected at any of the sample locations. Methane was detected at LFGP-6, LFGP-7 and LFGP-10. Methane detections were below the associated lower explosive limit (LEL). See **Section 5.0** for the Risk Calculator details.

A summary of the laboratory results is included in **Table 3,** and the results of the NCDEQ Risk Calculator Residential and Non-Residential Vapor Intrusion risk levels are shown in **Figures 3**. The field notes are included in **Appendix III**. The laboratory reports and chain of custody forms are included in **Appendix IV**.

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

Nine previously installed monitoring wells (A-MW-1 through A-MW-9) have been incorporated into the monitoring well network and groundwater assessment of Lyon Park. These pre-existing monitor wells were installed to depths of 16 to 29 ft-bgs. The monitor well construction details are presented in **Table 4**, and the location of the monitoring wells are shown on **Figure 1**. The Coordinates of Selected Features are included in **Appendix I**.

On November 4 and 5, 2025, the depth to groundwater was measured in each monitor well with an electronic water level meter. A licensed surveyor located and measured horizontal coordinates and vertical elevations for the monitor wells under Task Order 822RI-8. The approximate depth of groundwater and elevations at each monitor well are displayed on **Table 4** and are represented on **Figure 5**. Groundwater generally flows towards the surface water feature in the center of the site, the surface water feature (stream) flows to the south.

Before sample collection, the monitor wells were purged using a monsoon pump or peristaltic pump, and field parameter data (pH, temperature, conductivity, and turbidity) was recorded (**Table 5**). Groundwater sampling field forms are included with the field documents in **Appendix III**. Once three well volumes were purged, groundwater samples were collected, placed on ice, and sent under the chain-of-custody protocol to Eurofins | Environment Testing America (Eurofins) in Savannah Georgia for analysis. Analysis includes volatile organic compounds (VOCs) by EPA Method 8260D, semi volatile organic compounds (SVOCs) by EPA Method 8270E, 1,4-Dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, Mercury by EPA Method 7470A, nitrate and nitrate by EPA Method 353.2, sulfate by EPA Method SM 4500 SO4 E, and ammonia by EPA Method 350.1.

3.2 Monitor Well Sample Results

The laboratory reported detections of multiple constituents above the NCAC 2L Groundwater Standards in samples collected from multiple monitoring wells. Analytes that were detected at concentrations exceeding the respective NCAC 2L Groundwater Standards are shown on **Figure 4.** See **Table 6** for a summary of the groundwater analytical results.

Manganese and cobalt were detected in groundwater samples at concentrations exceeding the North Carolina 2L Groundwater Standards of 50 and 1 micrograms per liter (µg/L), respectively. These concentrations may be attributed to the natural weathering of minerals within the local geology rather than a site-related release. Under 15A NCAC 02L .0202(b)(3), where naturally occurring substances exceed the established standard, the local background concentration is considered the applicable standard.

4.0 Surface Water and Sediment Sampling

On November 5 and 6, 2025, S&ME collected surface water and stream sediment samples for laboratory analysis from nine locations. Surface water sample locations are identified as SW-1 through SW-9 with laboratory data on **Table 7.** Stream sediment sample locations are identified as SED-1 through SED-9 with

laboratory data summarized on **Table 8**. Surface water and stream sediment locations SED/SW-1 through SED/SW-9 are shown on **Figure 6** and **Figure 7**.

Surface water and stream sediment samples were collected, placed in a cooler with ice, and delivered under chain-of-custody protocol to Eurofins Environmental Testing. Analysis includes VOCs by EPA Method 8260D, semi-volatile organic compounds (SVOCs) by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7471B, nitrate and sulfate by EPA Method 9056A, hexavalent chromium by EPA Method 7199, and ammonia by EPA Method 350.1.

4.1.1 Surface Water Sampling Results

Table 7 summarizes the surface water sample analytical results from locations SW-1 through SW-9. Exceedances of the 15A NCAC 02B (2B Standards) surface water quality standards are shown on **Figure 6**. Several other detections were reported, however 2B Standards are not established for those constituents. The reported dissolved concentrations above the 2B Standards are summarized below in micrograms per Liter (µg/L).

The NCDEQ Risk Calculator was used to assess the risk for direct contact of surface water. See **Section 5.0** for the Risk Calculator details. The carcinogenic risk and non-carcinogenic hazard index for surface water were not exceeded at any of the sample locations for the recreator/trespasser receptor.

4.1.2 Sediment Sampling Results

Table 8 summarizes sediment analytical results for samples collected from locations SED-1 through SED-9. The laboratory report and chain of custody record are included in **Appendix IV**.

The NCDEQ Risk Calculator was used to assess the risk for direct contact of soil. The carcinogenic risk at sediment sample location SED-1 exceeded the cumulative and carcinogenic and non-carcinogenic hazard index for direct contact resident and direct contact recreator/trespasser. The carcinogenic and non-carcinogenic risks at the remaining sediment sample locations, SED-2 through SED-9, were not exceeded for the receptors. Exceedances of the United States Environmental Protection Agency Regional Soil Screening Levels (USEPA RSLs)) are shown on **Figure 7**.

5.0 NCDEQ Risk Calculator

S&ME used the January 2025 version of NCDEQ's Risk Calculator, downloaded from the NCDEQ website to quantify the risks from different exposure points (landfill gas, groundwater, surface water, and sediment) that contain concentrations of chemicals that potentially cause cancer (carcinogens) and chemicals not known to cause cancer (noncarcinogens). The Risk Calculator was used to show the risks these exposure points pose to park users. Carcinogenic and noncarcinogenic effects are evaluated separately as discussed below.

The risk characterization for carcinogens is expressed in terms of a probability that an individual will develop an excess cancer risk due to exposure to site-related contaminants. The cancer risk is summed across all carcinogenic chemicals and exposure routes (ingestion, dermal, and inhalation) to determine cumulative cancer risks.

The potential for noncancer effects is evaluated by comparing the estimated contaminant exposure to a reference threshold. This threshold represents the exposure below which is unlikely for sensitive populations to experience adverse health effects. The ratio of exposure to toxicity is referred to as a hazard quotient (HQ). The HQs are summed across all noncarcinogenic chemicals and exposure routes to determine cumulative hazard index (HI). For risk assessment purposes, a residential and non-residential/worker exposure scenario was used for landfill gas, groundwater, and sediment samples, and the recreator/trespasser exposure scenario was used for surface water samples. The Resident Receptor scenario is based upon the assumption that people would live at the park for 350 days per year, 24 hours per day, for 26 years (6 years as a child and 20 years as an adult).

5.1 Landfill Gas Samples

The NCDEQ Risk Calculator was run for each landfill gas sample location. The risk calculator uses analytical results and generates a Carcinogenic Risk and Hazard Index value. None of the sample locations exceeded the Residential Receptor or the Non-Residential Worker risk calculations for landfill gas from the concentrations reported by the laboratory.

5.2 Surface Water Samples

The NCDEQ Risk Calculator was run for each individual surface water sample location. None of the sample locations exceeded risk for the recreator/trespasser receptor.

5.3 Sediment Samples

The NCDEQ Risk Calculator was run for each individual sediment sample location. One sample location, SED-1, exceeded risk for the residential, and recreator/trespasser receptor but not the non-residential worker.

Appendix V contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, called 822-LFGP-DUP-01, was collected on November 11, 2025, from LFGP-1. Analytical results of the duplicate samples were within an acceptable relative difference with the record samples.

Groundwater Duplicates

- One groundwater duplicate sample, called Duplicate-1 (110425-DUP-1) was collected on November 4, 2025, from MW-5. Another duplicate, called Duplicate-2 (110525-Dup-1), was collected from A-MW-6 on November 5, 2025. Analytical results of the duplicate samples were within an acceptable relative difference with the record samples.

Surface Water/Sediment Duplicates

- A duplicate sample was collected for each day of sampling for both surface water and sediment. Duplicates were collected at SW-5/SED-5 on November 5, 2025, and another set of duplicates were collected at SW-4/SED-4 on November 6, 2025. Duplicates were collected separately as SW-DUP-1 and SW-DUP-2 and SED-DUP-1 and SED-DUP-2. Analytical results of the duplicate samples were within an acceptable relative difference with the record samples.

Trip Blank

- One trip blank sample of laboratory provided Deionized Water was kept with the laboratory samples throughout the groundwater sampling event and analyzed for VOCs by 8260D. No analytes were reported above the laboratory's minimum detection limit.

7.0 Work Plan Deviation

No work plan deviations were encountered during sampling events.

8.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with S&ME Proposal No. 23050630BJ, dated September 30, 2025, for Task Orders 822RI-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

"I certify that to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Gerald Paul / S&ME, Inc.
Name of Environmental Consultant / Company

Signature of Environmental Consultant

April 6, 2026
Date

I, Wilma Craft, a Notary Public of said County and State, do hereby certify that Gerald Paul did personally appear and sign before me this day, produced proper identification in the form of North Carolina Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 6th day of April, 2026.

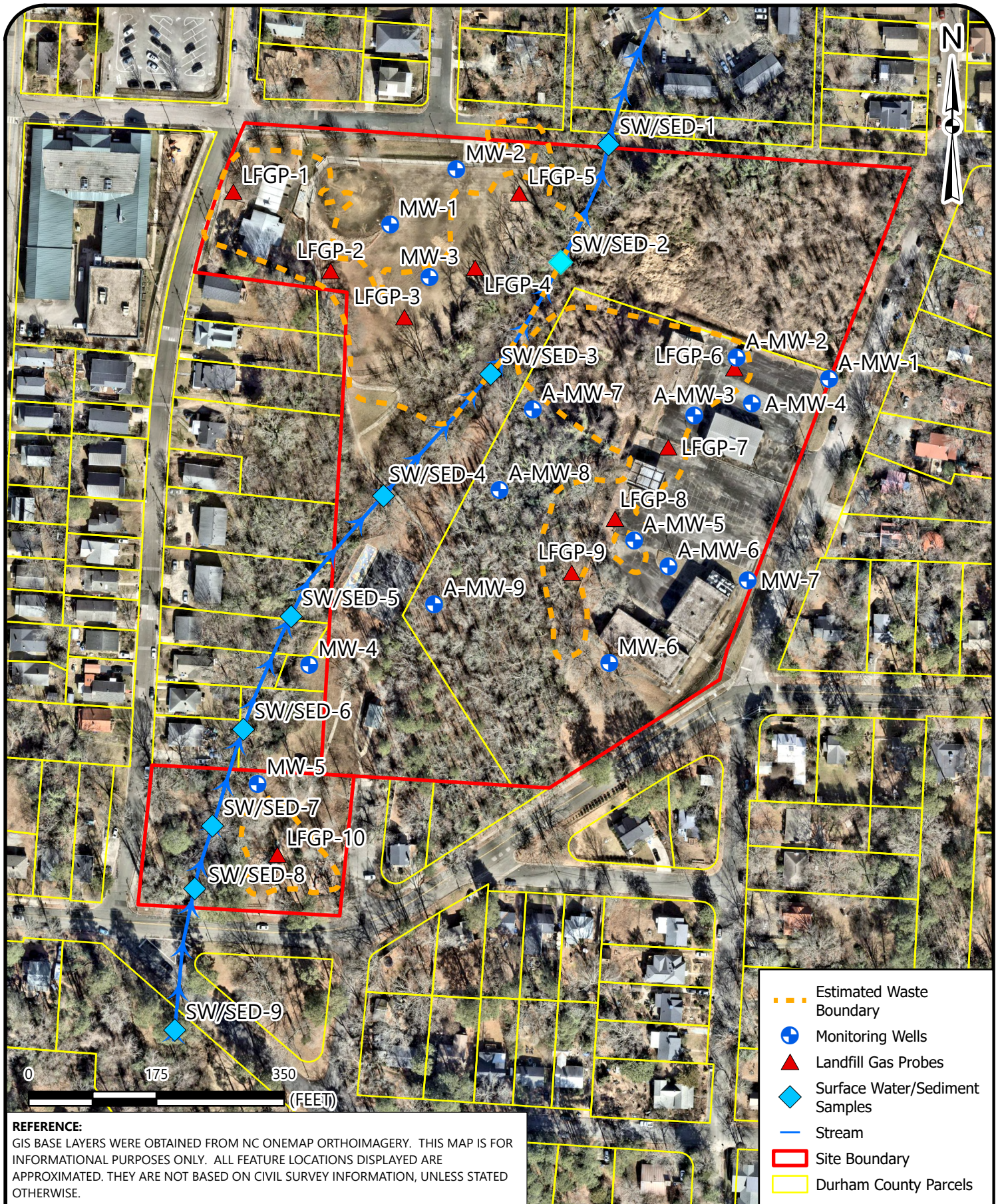
(OFFICIAL SEAL)

Wilma Craft
Notary Public (signature)

WILMA CRAFT
Notary Public, North Carolina
Wake County
My Commission Expires
March 12, 2028

My commission expires: March 12, 2028

Figures



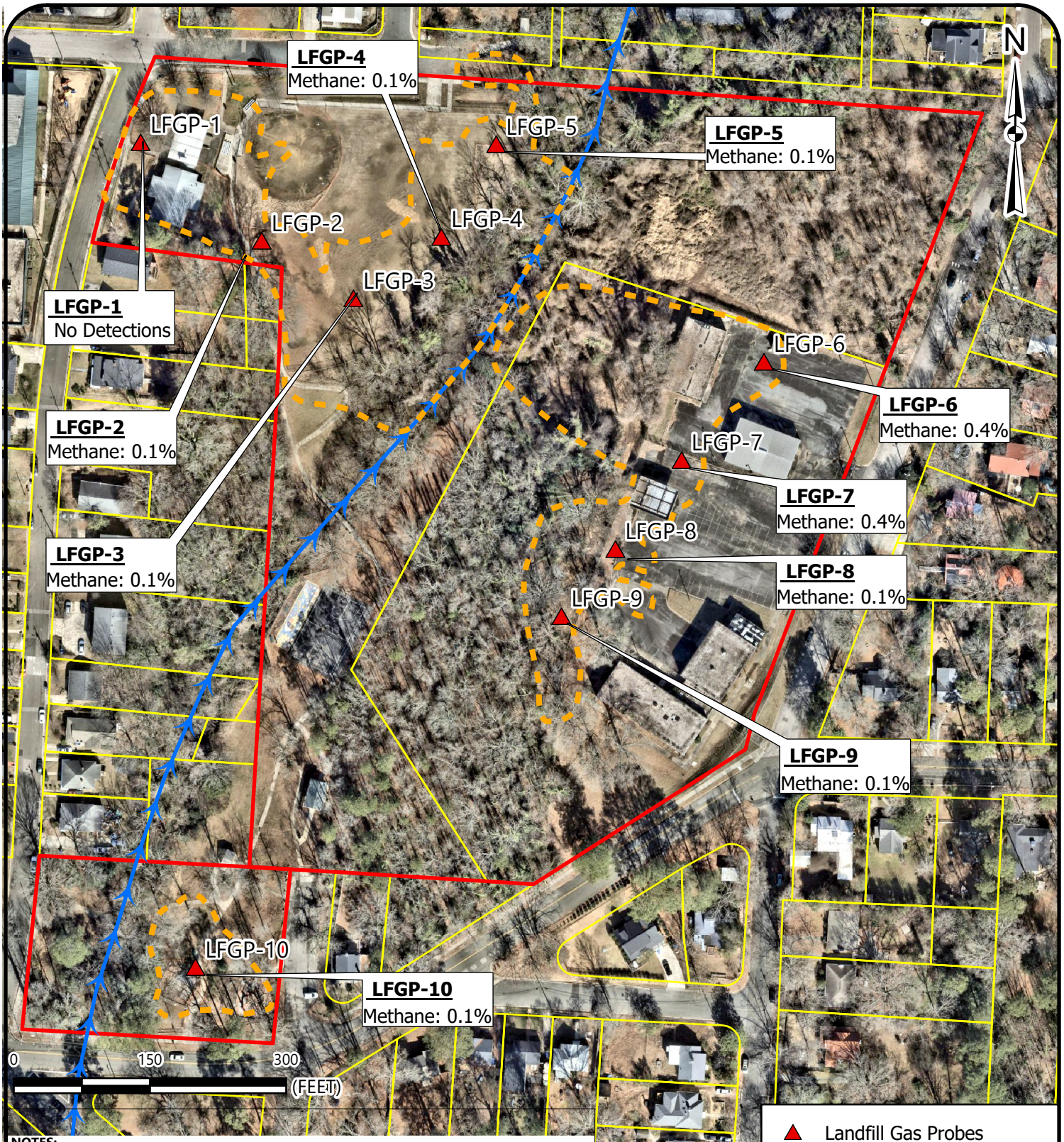
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GIS BASE LAYERS WERE OBTAINED FROM NC ONEMAP ORTHOIMAGERY. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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SITE MAP

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 175 ft	1
DATE: 2/2/2026	
PROJECT NUMBER 23050630	



NOTES:

LANDFILL GAS SCREENING WAS CONDUCTED ON NOVEMBER 4, 2025. ONLY SCREENING RESULTS EXCEEDING THE BACKGROUND LEVELS ARE SHOWN. METHANE MEASURED AS % VOLUME IN AIR.

RESULTS FROM SCREENING EVENT ARE LISTED ON TABLE 2.

REFERENCE:

GIS BASE LAYERS WERE OBTAINED FROM NC ONEMAP ORTHOIMAGERY. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED.

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\Lyon Park - RI-10_4d38c3\p30\Lyon Park - RI-10.aprx Plotted by:

LANDFILL GAS SCREENING RESULTS

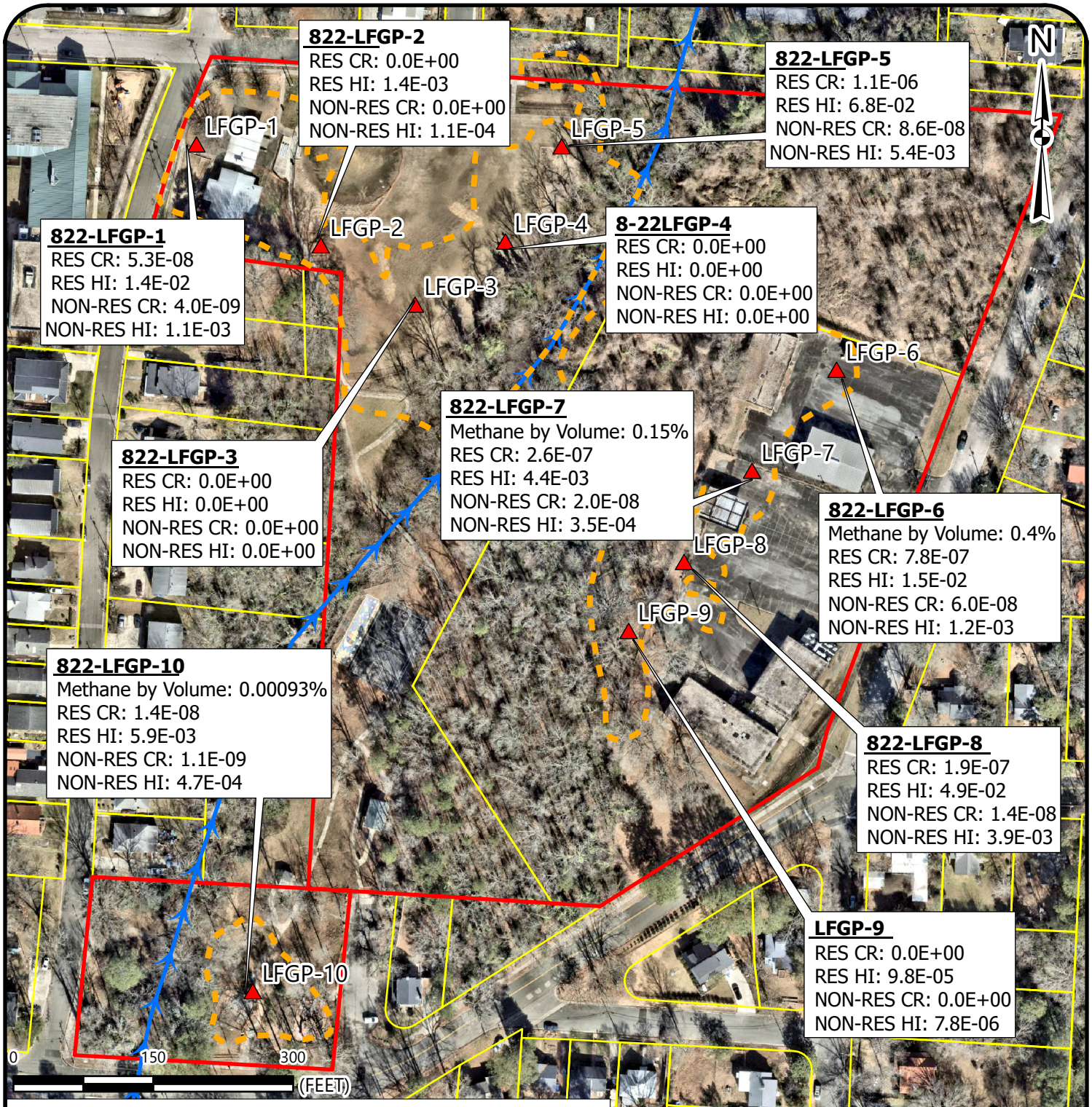
LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft

DATE: 2/2/2026

PROJECT NUMBER 23050630

FIGURE NO. 2



NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON NOVEMBER 11 AND 12, 2025. SAMPLING LOCATIONS THAT EXCEED THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE (5%) ARE SHOWN IN RED.
RESULTS IN RED EXCEED RISK.
RES CR: RESIDENTIAL CARCINOGENIC RISK
RES HI: RESIDENTIAL HAZARD INDEX
NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK
NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

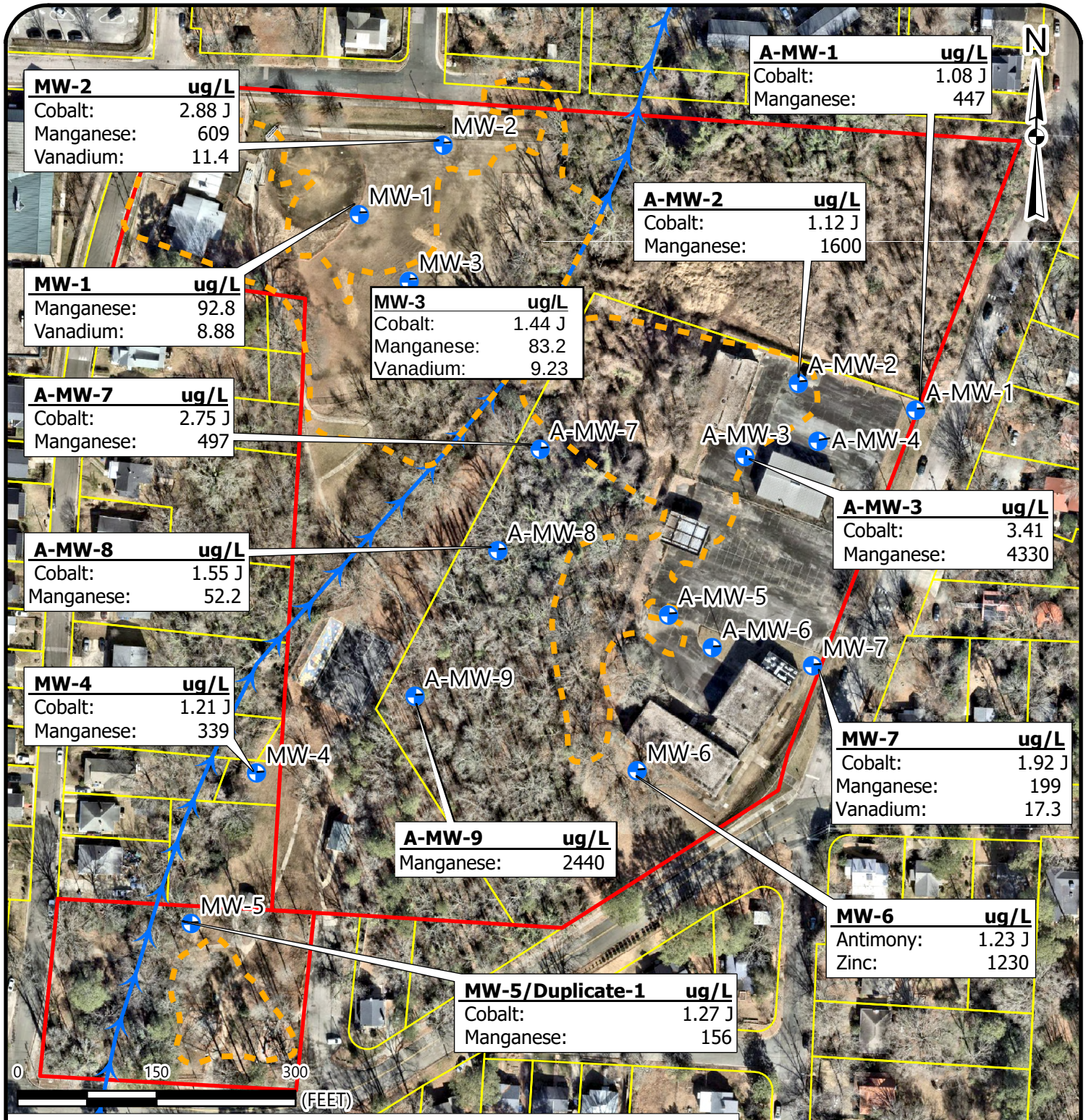
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GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NC ONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

LANDFILL GAS ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 2/2/2026
PROJECT NUMBER 23050630
FIGURE NO. 3

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NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON NOVEMBER 4 AND 5, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). DUPLICATE-1 AND DUPLICATE-2 WERE COLLECTED FROM MW-5 AND A-MW-6, RESPECTIVELY. THE HIGHER DETECTED CONCENTRATIONS ARE SHOWN.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

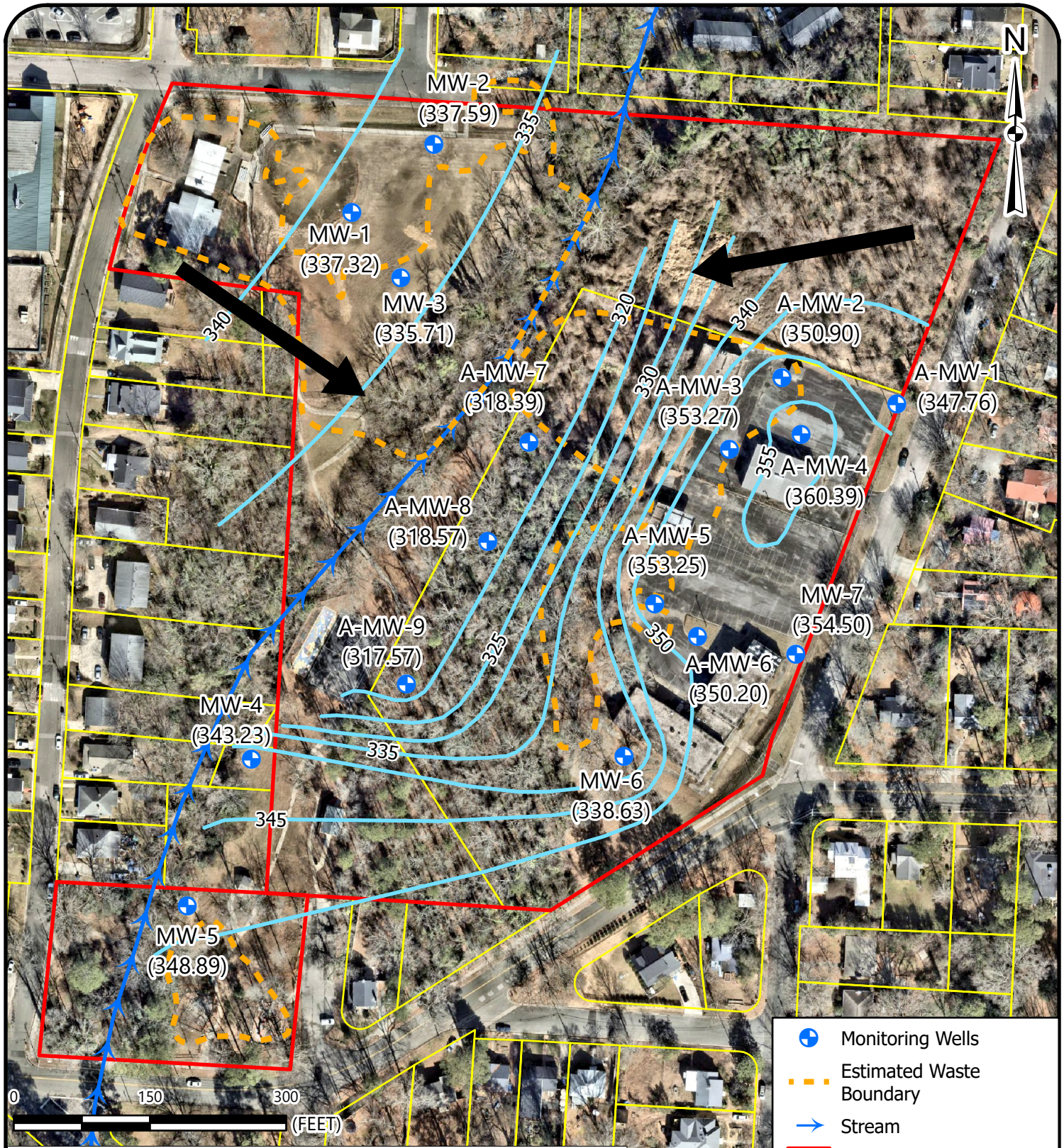
- Monitoring Wells
- Stream
- Estimated Waste Boundary
- Site Boundary
- Durham County Parcels

GROUNDWATER ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 2/2/2026
PROJECT NUMBER 23050630
FIGURE NO. 4

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\Lyon Park - RI-10_4d38c3\p30\Lyon Park - RI-10.aprx Plotted by:



NOTES:
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN ON NOVEMBER 4 AND 5, 2025. ELEVATION IS MEAURESD IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL) APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROWS.

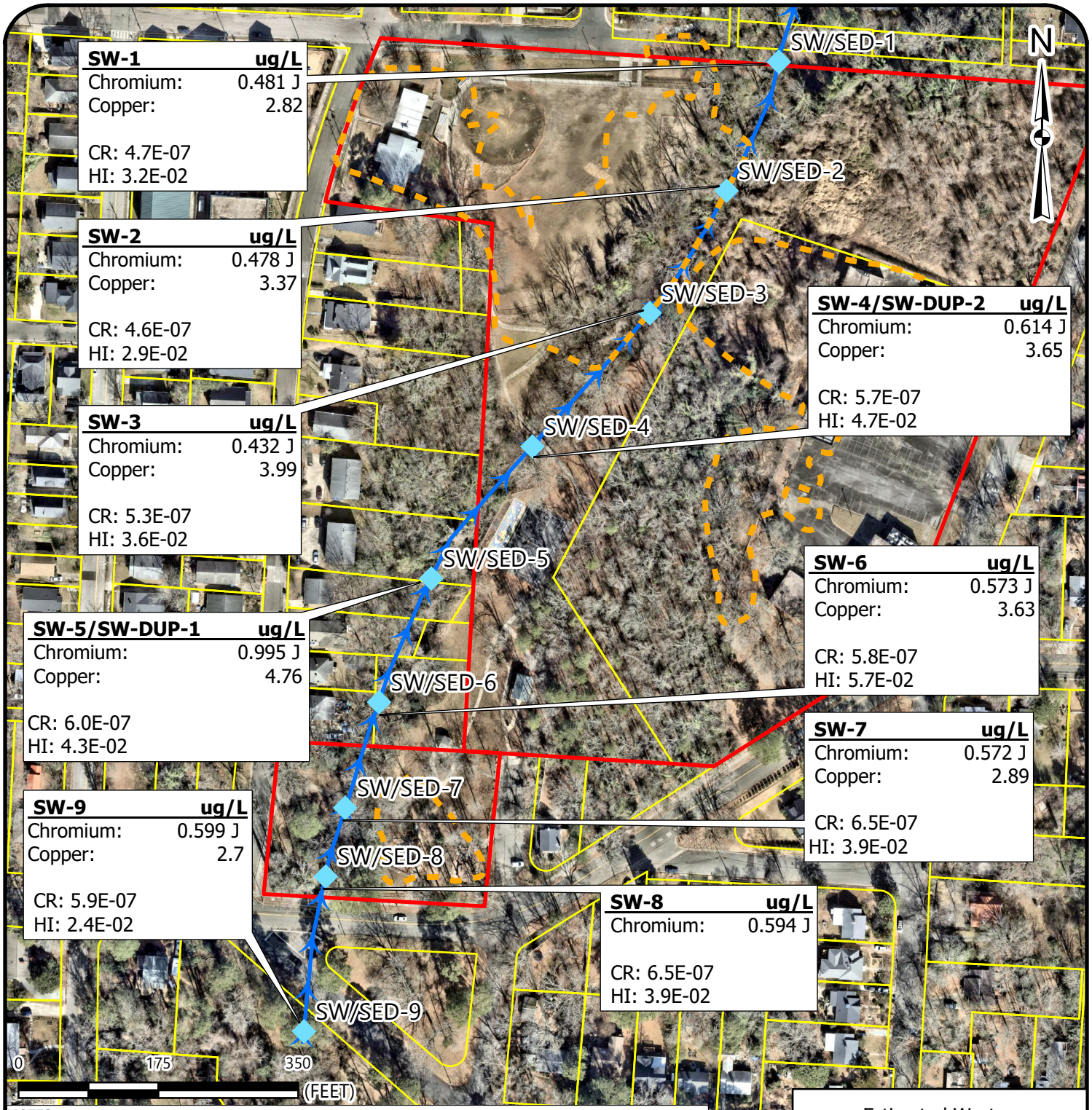
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GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NC ONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER POTENTIOMETRIC MAP

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 2/2/2026
PROJECT NUMBER 23050630
FIGURE NO. 5

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\Lyon Park - RI-10_4d38c3\p30\Lyon Park - RI-10.aprx Plotted by:



SW-1	ug/L
Chromium:	0.481 J
Copper:	2.82
CR: 4.7E-07	
HI: 3.2E-02	

SW-2	ug/L
Chromium:	0.478 J
Copper:	3.37
CR: 4.6E-07	
HI: 2.9E-02	

SW-3	ug/L
Chromium:	0.432 J
Copper:	3.99
CR: 5.3E-07	
HI: 3.6E-02	

SW-4/SW-DUP-2	ug/L
Chromium:	0.614 J
Copper:	3.65
CR: 5.7E-07	
HI: 4.7E-02	

SW-5/SW-DUP-1	ug/L
Chromium:	0.995 J
Copper:	4.76
CR: 6.0E-07	
HI: 4.3E-02	

SW-6	ug/L
Chromium:	0.573 J
Copper:	3.63
CR: 5.8E-07	
HI: 5.7E-02	

SW-7	ug/L
Chromium:	0.572 J
Copper:	2.89
CR: 6.5E-07	
HI: 3.9E-02	

SW-8	ug/L
Chromium:	0.594 J
CR: 6.5E-07	
HI: 3.9E-02	

SW-9	ug/L
Chromium:	0.599 J
Copper:	2.7
CR: 5.9E-07	
HI: 2.4E-02	

NOTES:
SURFACE WATER SAMPLING WAS CONDUCTED ON NOVEMBER 5 AND 6, 2025. ONLY CONCENTRATIONS THAT EXCEED THE NCAC 2B STANDARDS ARE SHOWN. SAMPLES ARE MEASURED IN MICROGRAMS PER LITER (µg/L). DUPLICATE SAMPLES WERE COLLECTED AT SW-5 AND SW-4. THE HIGHER DETECTED CONCENTRATION IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER RECEPTOR.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK.
HI: HAZARD INDEX.

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NC ONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

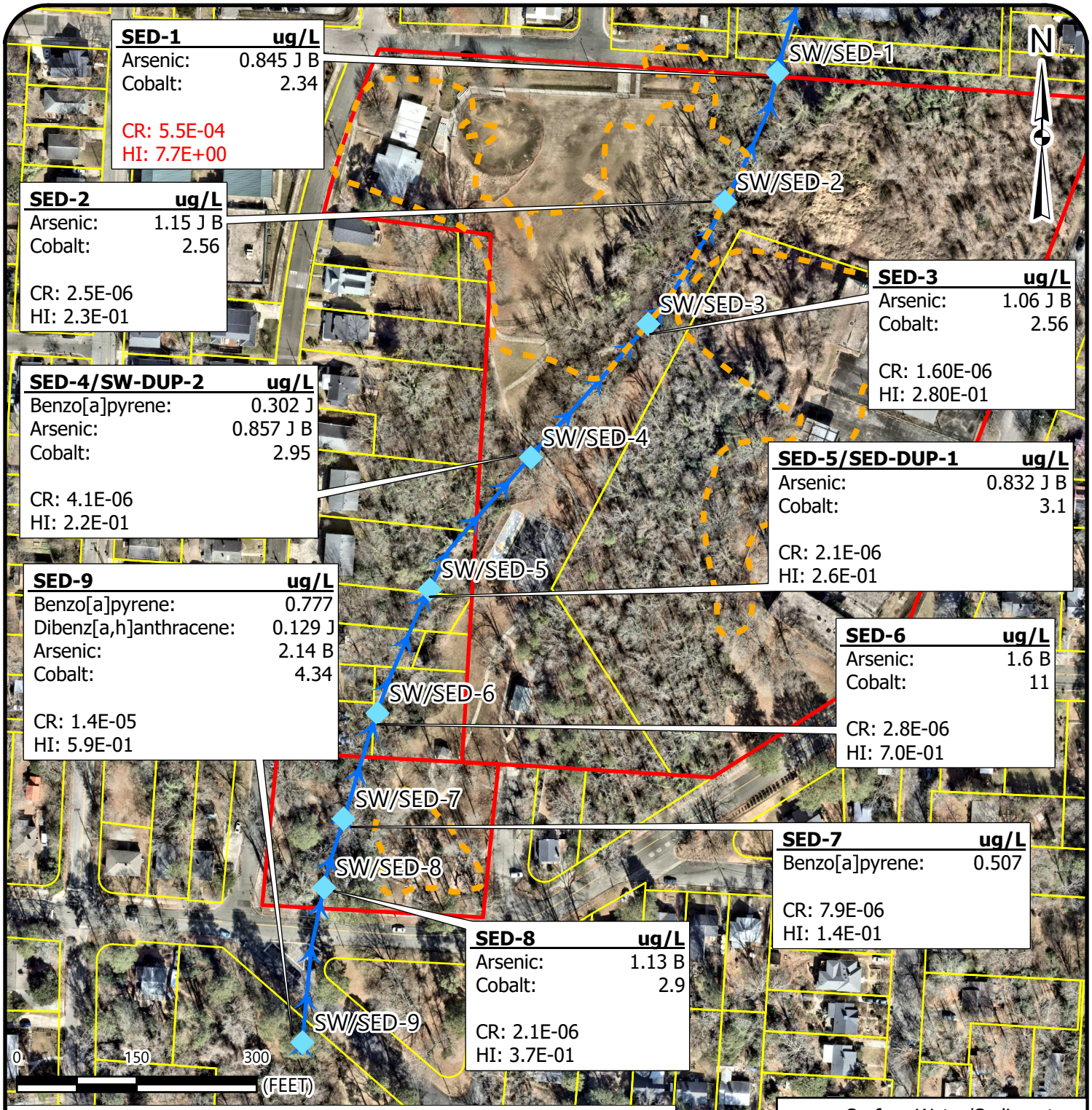
- Estimated Waste Boundary
- Surface Water/Sediment Samples
- Stream
- Site Boundary
- Durham County Parcels

SURFACE WATER ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 2/2/2026
PROJECT NUMBER 23050630
FIGURE NO. 6

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\Lyon Park - RI-10_4d38c3\p30\Lyon Park - RI-10.aprx Plotted by:



NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON NOVEMBER 5 AND 6, 2025. ONLY CONCENTRATIONS THAT EXCEED THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSLs) FOR SOIL ARE SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RESIDENTIAL RECEPTOR. SEDIMENT SAMPLES ARE MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Surface Water/Sediment Samples
Stream
Estimated Waste Boundary
Site Boundary
Durham County Parcels

SEDIMENT SAMPLE ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-9A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 2/2/2026
PROJECT NUMBER 23050630
FIGURE NO. 7

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\Lyon Park - RI-10_4d38c3\p30\Lyon Park - RI-10.aprx Plotted by: BrandonGoverno

Tables

TABLE 1
Landfill Gas Probe & Gas Implant Construction Details
City of Durham Parks - Lyon Park (NONCD0000822)
1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)	Screen Interval (ft-bgs)	Grout Interval (ft-bgs)	Bentonite Interval (ft-bgs)	Filter Pack Interval (ft-bgs)
LFGP-1	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	11.0	0.0 - 6.0	6.0 - 11.0	0.0 - 4.0	4.0 - 5.0	5.0 - 11.0
LFGP-2	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	6.0	0.0 - 3.0	3.0 - 6.0	0.0 - 2.0	2.0 - 3.0	3.0 - 6.0
LFGP-3	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	6.0	0.0 - 6.0	3.0 - 6.0	0.0 - 2.0	2.0 - 3.0	3.0 - 6.0
LFGP-4	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	6.0	0.0 - 6.0	3.0 - 6.0	0.0 - 2.0	2.0 - 3.0	3.0 - 6.0
LFGP-5	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	6.0	0.0 - 6.0	3.0 - 6.0	0.0 - 2.0	2.0 - 3.0	3.0 - 6.0
LFGP-6	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	4.0	0.0 - 4.0	3.0 - 4.0	0.0 - 1.0	1.0 - 3.0	3.0 - 4.0
LFGP-7	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 7.0	4.0 - 7.0	0.0 - 3.0	3.0 - 4.0	4.0 - 7.0
LFGP-8	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	8.0	0.0 - 11.0	6.0 - 11.0	0.0 - 4.0	4.0 - 5.0	5.0 - 8.0
LFGP-9	8/14/25	Flushmount-Gas Probe	1-in Sch 40 PVC	11.0	0.0 - 11.0	6.0 - 11.0	0.0 - 4.0	4.0 - 5.0	5.0 - 11.0
LFGP-10	8/14/25	Flushmount-Gas Implant	1/4" tubing	4.0	0.0 - 3.5	3.0 - 4.0	NA	0.0 - 3.0	3.0 - 4.0

Notes:

LFGP-10 was installed as soil gas implant due to shallow groundwater.

ft-bgs: feet below ground surface.

in: inches

N/A: Not Applicable

The Soil Gas Probe and Implant locations are indicated on **Figure 1.**

TABLE 2

Landfill Gas Field Screening Results

City of Durham Parks - Lyon Park (NONCD0000822)

1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina

S&ME Project No. 23050630 Task Order RI-9A

Field Parameter		Volatile Organic Compounds (ppm-v)	Methane (Volume in Air %)	Methane (% Lower Explosive Limit)	Hydrogen Sulfide (ppm-v)
Sample ID	Screening Date				
LFGP-1	11/4/2025	0.0	0.0	0.0	0.0
LFGP-2	11/4/2025	0.0	0.1	2.0	0.0
LFGP-3	11/4/2025	0.0	0.1	2.0	0.0
LFGP-4	11/4/2025	0.0	0.1	2.0	0.0
LFGP-5	11/4/2025	0.0	0.1	2.0	0.0
LFGP-6	11/4/2025	0.0	0.4	8.0	0.0
LFGP-7	11/4/2025	0.0	0.4	8.0	0.0
LFGP-8	11/4/2025	0.0	0.1	2.0	0.0
LFGP-9	11/4/2025	0.0	0.1	2.0	0.0
LFGP-10	11/4/2025	0.0	0.1	2.0	0.0

Notes:

Percent %: Percent methane in air, Lower Explosive Limit for Methane is 5%.

PPM-V: Parts Per Million by Volume in Air

Bold indicates a concentration greater than background concentrations.

Highlighted indicates a concentration exceeding the lower explosive limit for methane

>>>: Greater than 100% LEL for Methane.

See **Figure 2** for landfill screening locations

TABLE 3
Landfill Gas Sample Analytical Results Summary
City of Durham Parks - Lyon Park (NONCD0000822)
1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

Analytical Method	Analyte	CAS Number	Sample ID	822-LFGP-1	822-LFGP-2	822-LFGP-3	822-LFGP-4	822-LFGP-5	822-LFGP-6	822-LFGP-7	822-LFGP-8	822-LFGP-9	822-LFGP-10	822-LFGP-DUP 01/DVP*
			Date Collected	11/11/2025	11/12/2025	11/12/2025	11/12/2025	11/12/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025	11/11/2025
Volatile Organic Compounds by Method TO-15 (µg/m^3)	1,2-Dichloroethane-d4	17060-07-0		**114**	**119**	**117**	**119**	**116**	**113**	**113**	**114**	**114**	**112**	**114**
	2-Propanol	67-63-0		<7.2	**9.4**	<7.5	<7.2	<6.9	<7.6	<7.1	<7.7	<7.2	**16**	<7.0
	4-Bromofluorobenzene	460-00-4		**104**	**98**	**94**	**98**	**102**	**106**	**102**	**103**	**97**	**102**	**94**
	Acetone	67-64-1		<17	<19	<18	<17	<17	<18	<17	**22**	<17	<16	<17
	Benzene	71-43-2		<2.3	<2.6	<2.4	<2.3	<2.2	**9.4**	**3.1**	<2.5	<2.3	<2.2	<2.3
	Carbon Disulfide	75-15-0		<9.1	<10	<9.5	<9.2	<8.7	<9.6	**35**	**13**	<9.1	<8.6	<8.8
	Chloroform	67-66-3		<3.6	<3.9	<3.7	<3.6	**4.6**	<3.8	<3.5	<3.8	<3.6	<3.4	<3.5
	Cyclohexane	110-82-7		<2.5	<2.8	<2.6	<2.5	<2.4	**8.2**	**5.9**	<2.7	<2.5	<2.4	<2.4
	Ethanol	64-17-5		<14	<15	<14	<14	<13	<14	**26**	<15	<14	<13	<13
	Freon 113	76-13-1		<5.6	<6.2	<5.8	<5.6	<5.4	<5.9	<5.5	<6.0	**17**	<5.3	<5.4
	Freon 12	75-71-8		<3.6	<4.0	<3.8	<3.6	<3.5	**19**	<3.6	<3.8	<3.6	<3.4	<3.5
	Tetrachloroethene	127-18-4		**19**	<5.5	<5.2	<5.0	<4.7	<5.2	<4.9	**68**	<5.0	**5**	**18**
	Toluene-d8	2037-26-5		**105**	**105**	**103**	**105**	**101**	**103**	**107**	**105**	**107**	**107**	**103**
ASTM D5504-12 (ug/m^3)	Hydrogen Sulfide	7783-06-4		<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
NIOSH 6009 (µg/m^3)	Mercury	7439-97-6		<0.83	<0.77	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
EPA Method 3C (%)	Methane	74-82-8		<0.00015	<0.00016	<0.00015	<0.00015	<0.00014	**0.40**	**0.15**	<0.00016	<0.00015	**0.00093**	<0.00014
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk		5.3E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-06	7.8E-07	2.6E-07	1.9E-07	0.0E+00	1.4E-08	See LFGP-1 Risk Assessment
		Non-Carcinogenic Hazard Quotient		1.4E-02	1.4E-03	0.0E+00	0.0E+00	6.8E-02	1.5E-02	4.4E-03	4.9E-02	9.8E-05	5.9E-03	
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk		4.0E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-08	6.0E-08	2.0E-08	1.4E-08	0.0E+00	1.1E-09	
		Non-Carcinogenic Hazard Quotient		1.1E-03	1.1E-04	0.0E+00	0.0E+00	5.4E-03	1.2E-03	3.5E-04	3.9E-03	7.8E-06	4.7E-04	

Notes:
µg/m^3: micrograms per cubic meter.
* The duplicate sample was identified as "822-LFGP-DVP" on the H2S laboratory report EMSL Order ID 012542732
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version).
Exceedes the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
Duplicate taken at LFGP-1.
NCDEQ Risk Calculator Values shown in red exceed risk.
NIOSH 6009 Mercury Samples were collected on November 11 and 12, 2025
Hydrogen Sulfide Samples were collected on November 17, 2025

TABLE 4
Groundwater Monitor Well Construction & Groundwater Level
City of Durham Parks -Lyon Park (NONCD0000822)
1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)	Screen Interval (ft-bgs)	Grout Interval (ft-bgs)	Bentonite Interval (ft-bgs)	Filter Pack Interval (ft-bgs)	Top of Casing Elevation (ft-amsl)	Date Water Level Measured	Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
MW-1	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.5	0.0 to 16.5	16.5 to 31.5	0.0 to 12.5	12.5 to 14.5	14.5 to 31.5	347.97	11/4/2025	10.65	337.32
MW-2	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	31.5	0.0 to 16.5	16.5 to 31.5	0.0 to 12.5	12.5 to 14.5	14.5 to 31.5	347.52	11/4/2025	9.93	337.59
MW-3	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	46.0	0.0 to 31.0	31.0 to 46.0	0.0 to 27.0	27.0 to 29.0	29.0 to 46.0	346.87	11/4/2025	11.16	335.71
MW-4	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	25.5	0.0 to 15.5	15.5 to 25.5	0.0 to 11.5	11.5 to 13.5	13.5 to 25.5	347.03	11/4/2025	3.80	343.23
MW-5	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	26.0	0.0 to 16.0	16.0 to 26.0	0.0 to 12.0	12.0 to 14.0	14.0 to 26.0	351.89	11/4/2025	3.00	348.89
MW-6	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	56.0	0.0 to 36.0	36.0 to 56.0	0.0 to 32.0	32.0 to 34.0	34.0 to 56.0	359.42	11/4/2025	20.79	338.63
MW-7	8/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	26.0	0.0 to 16.0	16.0 to 26.0	0.0 to 12.0	12.0 to 14.0	14.0 to 26.0	369.11	11/4/2025	14.61	354.50
A-MW-1	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	27.0	Unknown construction features - well previously installed					371.06	11/5/2025	23.30	347.76
A-MW-2	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	23.0	Unknown construction features - well previously installed					368.80	11/5/2025	17.90	350.90
A-MW-3	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	27.0	Unknown construction features - well previously installed					369.09	11/5/2025	15.82	353.27
A-MW-4	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	20.0	Unknown construction features - well previously installed					369.49	11/5/2025	9.10	360.39
A-MW-5	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	16.0	Unknown construction features - well previously installed					369.11	11/4/2025	15.86	353.25
A-MW-6	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	29.0	Unknown construction features - well previously installed					370.44	11/5/2025	20.24	350.20
A-MW-7	Unknown	Stick-up - Monitoring Well	2-in Sch 40 PVC	Unknown	Unknown construction features - well previously installed					326.54	11/4/2025	8.15	318.39
A-MW-8	Unknown	Stick-up - Monitoring Well	2-in Sch 40 PVC	24.0	Unknown construction features - well previously installed					327.37	11/4/2025	8.80	318.57
A-MW-9	Unknown	Stick-up - Monitoring Well	2-in Sch 40 PVC	16.0	Unknown construction features - well previously installed					332.97	11/4/2025	15.40	317.57

Notes:
ft-bgs: feet below ground surface.
in: inches
Monitoring Well locations are indicated on **Figure 1.**

TABLE 5

Groundwater Field Screening Parameters

City of Durham Parks - Lyon Park (NONCD0000822)

1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina

S&ME Project No. 23050630 Task Order RI-9A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	11/4/2025	7.35	20.9	810	9.86
MW-2	11/4/2025	6.94	21.5	740	>1000
MW-3	11/4/2025	7.39	17.2	780	19.2
MW-4	11/4/2025	7.40	18.1	560	44.2
MW-5	11/4/2025	7.60	17.2	600	88.9
MW-6	11/5/2025	7.04	18.7	670	19.7
MW-7	11/5/2025	6.99	21.6	300	68.8
A-MW-1	11/5/2025	6.72	19.0	910	122
A-MW-2	11/5/2025	6.78	19.8	1090	3.96
A-MW-3	11/5/2025	6.12	24.7	500	8.67
A-MW-4	11/5/2025	7.80	24.0	300	9.6
A-MW-5	11/4/2025	Dry			
A-MW-6	11/5/2025	7.47	22.6	930	5.74
A-MW-7	11/4/2025	6.9	16.9	2270	12.4
A-MW-8	11/4/2025	6.9	17.0	1180	10
A-MW-9	11/4/2025	6.3	17.5	410	6.1

Notes:

Temperature: degrees Celsius (°C)

Conductivity: microsiemens per centimeter (µS/cm)

Turbidity: Nephelometric Turbidity Units

A-MW-5 was dry at time of sampling.

Table 6
Groundwater Sample Analytical Results Summary
City of Durham Parks - Lyon Park (NONCD0000822)
1308 W. Club Boulevard, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

Analytical Method		Method 8260 - VOCs (µg/L)	Method 8270E - SVOCs (µg/L)	Method 6020B - Metals (µg/L)														Method 350.1	Method 353.2		Method 9056A
CAS Number		1634-04-4	105-60-2	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-22-4	7440-62-2	7440-66-6	7664-41-7	1497-65-0	14797-55-8	14808-79-8
Analyte		Methyl tert-butyl ether	Caprolactam	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Vanadium	Zinc	Ammonia Nitrogen	Nitrite as (N)	Nitrate as (N)	Sulfate
Sample ID	Date Collected																					
A-MW-1	11/5/2025	<0.22	<2.41	<0.407	**0.777 J**	**171**	<0.32	<0.245	**2.89**	**1.08 J**	**0.999 J B**	**0.336 J**	**447**	**9.17**	<0.483	<0.037	**3.02**	**4.47**	<100	<100	**314**	**38,300**
A-MW-2	11/5/2025	**0.343 J**	<2.44	<0.407	**6.6**	**443**	<0.32	<0.245	**0.545 J**	**1.12 J**	<0.643	<0.243	**1600**	**2.4 J**	<0.483	<0.037	**0.526 J**	**6.99**	**818**	<10	**61 J**	**12,900**
A-MW-3	11/5/2025	<0.22	<2.38	<0.407	**6.21**	**78**	<0.32	<0.245	**0.407 J**	**3.41**	<0.643	<0.243	**4330**	**1.18 J**	<0.483	<0.037	<0.486	**1.88 J**	**230 J**	<10	**80 J**	**61,300**
A-MW-4	11/5/2025	<0.22	<2.43	<0.407	**1.97 J**	**35**	<0.32	<0.245	**1.01 J**	**0.32 J**	**1.79 J B**	**0.269 J**	**10.9**	<0.915	<0.483	<0.037	**4.21**	**8.78**	<100	<10	**57 J**	**7,090**
A-MW-6	11/5/2025	<0.22	<2.41	<0.407	<0.39	**278**	<0.32	<0.245	**3.17**	**0.158 J**	**1.08 J**	<0.243	**11**	**20.5**	<0.483	<0.037	**2.16**	**2.38 J**	<100	<10	**174**	**77,100**
A-MW-7	11/4/2025	<0.22	<2.41	<2.45	<1.32	**31.3**	<0.147	**0.26 J**	<3.69	**2.75 J**	**1.99 J**	<0.864	**497**	**2.39 J**	**3.82 J**	<0.167	**3.31 J**	<8.91	<100	<10	**97 J**	**511,000**
A-MW-8	11/4/2025	<0.22	<2.44	<2.45	<1.32	**46.7**	<0.147	<0.237	<3.69	**1.55 J**	**1.85 J**	<0.864	**52.2**	**1.47 J**	**4.36 J**	<0.167	**5.64**	<8.91	<100	<10	**3,980**	**150,000**
A-MW-9	11/4/2025	<0.22	<2.42	<2.45	<1.32	**86.2**	<0.147	<0.237	<3.69	**0.623 J**	**298**	**11**	**2440**	**2.13 J**	<2.29	<0.167	<1.22	**166**	<100	<10	**59 J**	**53,100**
MW-1	11/4/2025	<0.22	**90.1**	<2.45	<1.32	**319**	<0.147	**0.246 J**	<3.69	<0.411	**1.48 J**	<0.864	**92.8**	**1.98 J**	**2.46 J**	<0.167	**8.88**	<8.91	<100	**53 J**	**3,520**	**36,800**
MW-2	11/4/2025	<0.22	**6.25 J**	<2.45	**2.21 J**	**396**	**0.382 J**	<0.237	**5.31**	**2.88 J**	**9.57**	**1.65**	**609**	**5.89**	**2.86 J**	**0.195 J**	**11.4**	**10.7**	<100	**91.2 J**	**897**	**27,800 F1**
MW-3	11/4/2025	<0.22	<2.44	<2.45	<1.32	**317**	**0.371 J**	<0.237	**3.79 J**	**1.44 J**	**3.51**	**1.09**	**83.2**	**4.26 J**	**3.5 J**	<0.167	**9.23**	**44.3**	<100	**21.9 J F1**	**3,250**	**32,000**
MW-4	11/4/2025	<0.22	<2.44	<2.45	<1.32	**284**	**0.177 J**	<0.237	<3.69	**1.21 J**	**3.9**	<0.864	**339**	**3.46 J**	<2.29	<0.167	**5.19**	<8.91	<100	**30.3 J H**	**824**	**54,300**
MW-5	11/4/2025	<0.22	<2.44	<2.45	<1.32	**173**	**0.227 J**	<0.237	<3.69	**1.27 J**	**2.27**	**1.02**	**156**	**2.78 J**	<2.29	<0.167	**5.48**	<8.91	<100	**19.6 J H**	**11.4 J**	**13,700**
MW-6	11/5/2025	<0.22	<2.4	**1.23 J**	**0.803 J**	**186**	<0.32	<0.245	**1.67 J**	**0.336 J**	**2.06 B**	**0.372 J**	**43**	**1.15 J**	<0.483	<0.037	**2.99**	**1230**	<100	**29.9 J F1**	**142**	**27,500**
MW-7	11/5/2025	<0.22	<2.39	<0.407	**1.37 J**	**134**	**0.571 J**	<0.245	**7.13**	**1.92 J**	**4.19 B**	**1.85 J**	**199**	**4.54**	**1.07 J**	<0.037	**17.3**	**11.2**	<100	**15.9 J F1**	**1,350**	**8,290**
Duplicate-1	11/4/2025	<0.22	<2.41	<2.45	<1.32	**158**	<0.147	<0.237	<3.69	**0.546 J**	**1.75 J**	**3.64**	**127**	**1.17 J**	<2.29	<0.167	**3.14 J**	<8.91	<100	<10 H	**124**	**10,600**
Duplicate-2	11/5/2025	**0.22 J**	<2.4	<0.407	<0.39	**333**	<0.32	<0.245	**1.03 J**	**0.216 J**	**0.886 J**	<0.243	**19.4**	**24**	<0.483	<0.037	**1.99 J**	**3.07 J**	<100	<10 H	**67 J**	**56,800**
15A NCAC 2L Groundwater Standards & IMACs		20	4,000	1	10	700	4	2	10	1	1,000	15	50	100	20	20	7	1,000	1,500	1,000	10,000	250,000

Notes:
µg/L: Micrograms per liter.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15 NCAC 2L Standards are highlighted.
NE: Standard Not Established
F1: MS and/or MSD recovery exceeds control limits.
B: Compound was found in the blank and sample.
J: Estimated value less than the reporting limit but greater than the method detection limit.
*+: Lab Control Sample or Lab Control Sample Duplicate is outside acceptance limits, high biased.
Duplicate 1 is identified on the laboratory report and Chain of Custody as 110425-DUP-1, and was collected at MW-5.
Duplicate-2 is identified on the laboratory report and Chain of Custody as 110525-DUP-1, and was collected at A-MW-6.

Table 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - Lyon Park (NONCD0000822)
1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

Analytical Method		Method 6020B - Metals (µg/L)										Method 9056A (µg/L)		NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		7440-38-2	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	14797-55-8	14808-79-8		
Analyte		Arsenic	Barium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected														
SW-1	11/6/2025	0.541 J	50.4	0.481 J	0.115 J	2.82	0.509 J	49.8	1.18 J	0.632 J	7.37	<10	19,400 F1	4.7E-07	3.2E-02
SW-2	11/6/2025	0.523 J	49.3	0.478 J	0.121 J	3.37	0.729 J	41.9	1.27 J	0.588 J	8.22	164	19,500	4.6E-07	2.9E-02
SW-3	11/6/2025	0.6 J	48.8	0.432 J	0.196 J	3.99	1 J	54	1.26 J	0.637 J	11.5	60 J	19,800	5.3E-07	3.6E-02
SW-4	11/6/2025	0.622 J	49.1	0.614 J	0.199 J	3.44	0.503 J	74.6	1.27 J	0.631 J	7.94	<10	18,100	5.7E-07	4.7E-02
SW-5	11/5/2025	0.668 J	50.9	0.787 J	0.259 J	4.76	1.56 J	65.8	1.67 J	0.876 J	10.2	30 J	14,900	6.0E-07	4.3E-02
SW-6	11/5/2025	0.665 J	51.2	0.573 J	0.25 J	3.63	1.03 J	105	2.3 J	0.779 J	7.54	25 J	14,500	5.8E-07	5.7E-02
SW-7	11/5/2025	0.742 J	48.6	0.572 J	0.19 J	2.89	1.02 J	56.3	1.4 J	0.72 J	6.62	12 J	13,900	6.5E-07	3.9E-02
SW-8	11/5/2025	0.742 J	48.3	0.594 J	0.152 J	2.57	0.676 J	59.3	1.31 J	0.719 J	7.5	96 J	15,600	6.5E-07	3.9E-02
SW-9	11/5/2025	0.672 J	46.8	0.599 J	0.116 J	2.7	0.64 J	24.3	1.31 J	0.679 J	5.89	83 J	14,600	5.9E-07	2.4E-02
SW-DUP-1	11/5/2025	0.685 J	50.1	0.995 J	0.225 J	4.17	0.976 J	64.6	1.51 J	0.804 J	7.83	13 J	15,100	See SW-5	
SW-DUP-2	11/6/2025	0.647 J	51.4	0.452 J	0.213 J	3.65	0.736 J	81.3	1.7 J	0.629 J	7.23	<10	18,200	See SW-4	
15A NCAC 2B Surface Water Standards		10,000	1,000	0.25	NE	2.7	0.45	NE	16	NE	36	10,000	250,000		

Notes:
µg/L: Micrograms per liter.
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
Compound not in the NCDEQ Risk Calculator, compound was not entered.
Duplicate-1 is identifield as SW-DUP and was collected on 11/5/2025 from SW-5.
Duplicate-2 is identified as SW-DUP and was collected on 11/6/2025 from SW-4.
J: Estimated value less than the reporting limit but greater than the method detection limit.
H: Sample was prepped or analyzed beyond the specified holding time.
NE: Standard Not Established
NCDEQ Risk Calculator Values shown in red exceed risk.

Table 8
Sediment Sample Analytical Results Summary
City of Durham Parks - Lyon Park (NONCD0000822)
1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

| Analytical Method | | Method 8260 - VOCs (mg/Kg) | | | | | Method 8270E - SVOCs (mg/Kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Method 6020B - Metals (mg/Kg) | | | | | | | | | | | | | | | | | | |

Appendices

Appendix I- Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
City of Durham Parks - Lyon Park (NONCD0000822)
1101 Cornell Street & 1200 W. Lakewood Avenue, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-10

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
LFGP-1	Landfill Gas Probe	35.989134	-78.919045	814952.60	2023949.75
LFGP-2	Landfill Gas Probe	35.988836	-78.918594	814844.27	2024083.09
LFGP-3	Landfill Gas Probe	35.988661	-78.918253	814780.73	2024184.13
LFGP-4	Landfill Gas Probe	35.988847	-78.917925	814848.44	2024281.00
LFGP-5	Landfill Gas Probe	35.989127	-78.917721	814950.52	2024341.42
LFGP-6	Landfill Gas Probe	35.988468	-78.916725	814710.94	2024636.21
LFGP-7	Landfill Gas Probe	35.988171	-78.917032	814602.60	2024545.59
LFGP-8	Landfill Gas Probe	35.987902	-78.917278	814504.69	2024472.67
LFGP-9	Landfill Gas Probe	35.987699	-78.917479	814430.73	2024413.29
LFGP-10	Landfill Gas Probe	35.986638	-78.918843	814044.27	2024010.17
MW-1	Monitor Well	35.989006	-78.918318	814906.28	2024164.73
MW-2	Monitor Well	35.989213	-78.918011	814981.52	2024255.41
MW-3	Monitor Well	35.988809	-78.918136	814834.48	2024218.66
MW-4	Monitor Well	35.987348	-78.918695	814302.60	2024053.84
MW-5	Monitor Well	35.986902	-78.918935	814140.15	2023983.03
MW-6	Monitor Well	35.987355	-78.917305	814305.32	2024465.01
MW-7	Monitor Well	35.987666	-78.916663	814418.72	2024654.72
A-MW-1	Monitor Well	35.988423	-78.916286	814694.60	2024766.24
A-MW-2	Monitor Well	35.988504	-78.916714	814724.04	2024639.44
A-MW-3	Monitor Well	35.988287	-78.916911	814644.91	2024581.37
A-MW-4	Monitor Well	35.988331	-78.916643	814661.01	2024660.48
A-MW-5	Monitor Well	35.987817	-78.917190	814473.64	2024499.00
A-MW-6	Monitor Well	35.987719	-78.917030	814437.92	2024546.23
A-MW-7	Monitor Well	35.988308	-78.917658	814652.46	2024360.14
A-MW-8	Monitor Well	35.988008	-78.917812	814542.99	2024314.65
A-MW-9	Monitor Well	35.987576	-78.918116	814385.85	2024225.12
SW-1/SED-1	Surface Water Sediment	35.989313	-78.917346	815018.14	2024452.24
SW-2/SED-2	Surface Water Sediment	35.988867	-78.917544	814855.95	2024393.87
SW-3/SED-3	Surface Water Sediment	35.988441	-78.917781	814700.57	2024323.86
SW-4/SED-4	Surface Water Sediment	35.987985	-78.918350	814534.54	2024155.57
SW-5/SED-5	Surface Water Sediment	35.987520	-78.918714	814365.35	2024047.96
SW-6/SED-6	Surface Water Sediment	35.987100	-78.918892	814212.20	2023995.40
SW-7/SED-7	Surface Water Sediment	35.986751	-78.919216	814084.97	2023899.71
SW-8/SED-8	Surface Water Sediment	35.986510	-78.919263	813997.25	2023885.95
SW-9/SED-9	Surface Water Sediment	35.985975	-78.919338	813802.73	2023863.93

Notes:

Site feature locations are reported in decimal degrees for Lattitude/Longitude and in feet in the North Carolina State Plane Coordinate System

Appendix II – S&ME Field Notes

LANDFILL GAS SCREENING FORM

Project Name:	**Lyon Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**		
NCDEQ ID No.:	**NONCD0000822**	Date:	11/4/2025	Gas Analyzer	GEM PRO	
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000	Pre Calibration Time:
Task Order:	**RI-9**	S&ME Personnel:	Madison A./ Jonathan O.	Thermo Hygrometer		Post Calibration Time:

PRE Equipment Calibration					**Calibration Notes**	**POST Equipment Calibration**				
PID (Isobutylene)	0 ppm =	0	100 ppm =	101		PID (Isobutylene)	0 ppm =	0	100 ppm =	100
Fresh Air	CH_4 (0%) =	0	O_2 (20.9%) =	21.1		Fresh Air	CH_4 (0%) =	0	O_2 (20.9%) =	20.9
Methane High	CH_4 (50%) =	49.8	CO_2 (35%) =	35.6		Methane High	CH_4 (50%) =	49.9	CO_2 (35%) =	35.5
	O_2 (0%) =	0					O_2 (0%)=	0		
H2S Mix	CH_4 (2.5%) =	2.48	O_2 (18%) =	17.8		H2S Mix	CH_4 (2.5%) =	2.51	O_2 (18%) =	17.9
	H_2S (10 ppm) =	10	CO (50 ppm) =	49			H_2S (10 ppm) =	10	CO (50 ppm) =	50

Screening Data

Sample Location	**Time**	**VOCs**		**Methane**		**Carbon Dioxide**	**Oxygen**	**Hydrogen Sulfide**	**Barometric Pressure**	**Temperature**	**Humidity**
ID	**hr:min**	**ppm-v**	**%**	**volume in air (%)**	**% LEL (100% LEL = 5% CH4)**	**%**	**%**	**ppm-v**	**in-Hg**	**°F**	**%**
BG-1	10:48	0.0		0	0	0.1	21.0	0	30	57.0	60
BG-2	10:52	0.0		0	0	0.0	21.0	0	30	57.0	60
LFGP-1	10:57	0.0		0	0	9.9	12.4	0	30	58.00	60.00
LFGP-2	11:05	0.0		0.1	2	7.2	13.20	0	30	60.00	61.00
LFGP-3	11:10	0.0		0.1	2	5.9	13.00	0	30	60.00	61.00
LFGP-4	11:18	0.0		0.1	2	7.4	13.60	0	30	61.00	61.00
LFGP-5	11:24	0.0		0.1	2	7.3	12.00	0	30	61.00	61.00
LFGP-6	12:15	0.0		0.4	8	14	0.30	0	30	63.00	61.00
LFGP-7	12:12	0.0		0.4	8	6.7	0.60	0	30	63.00	61.00
LFGP-8	12:00	0.0		0.1	2	8.2	12.70	0	30	63.00	61.00
LFGP-9	11:57	0.0		0.1	2	16.6	5.30	0	30	63.00	61.00
LFGP-10	11:44	0.0		0.1	2	10.4	2.60	0	30	63.00	61.00

Name	**Signature**	**Date**	**Notes:**
(1) Madison Allen	Mn Allen	11/4/2025	

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Lyon Park				
Project Number:	23050630 - 823RI-7				
Location:	Durham, NC			**Date:**	11/12/2025
Weather:	Sunny			**Air Temp (°F):**	40s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	LFGP-5	LFGP-4	LFGP-3	LFGP-2	LFGP-1
Canister ID	6L1616	6L2502	6L0325	6LD444	6L0709
Regulator ID	24132	24850	23513	23708	24253
Canister Volume (L)	6	6	6	6	6
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	19.9	16.8	14.3	13.8	16.2
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	6	0	36	6	0	36	6	0	36	6	0	36	11	0	60
Sand Pack Interval Depth (in-bgs)	36	to	72	36	to	72	36	to	72	36	to	72	72	to	132
Volume (mL)	776			776			776			776			1298		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	11.6			11.6			11.6			11.6			19.5		
Actual Purge Time (min)	12.0			12.0			12.0			12.0			20.0		

Sample Collection					
Start Time	09:00	09:12	09:24	09:36	12:41
Initial Vacuum (inHg)	30	27	29	29	30
End Time	10:00	10:12	10:24	10:30	13:43
Final Vacuum (inHg)	5	6	6	9	7
Approximate Total Time (min)	60	60	60	54	62
Sample Analysis	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15

Sampler Information

Sampled by: Logan Hester Sampler Signature: Date: 3/9/2025

Notes: 1. Per the NCDEQ DWM VI Guidance dated March 2018, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.

2 LFGP-1 sampled on 11/11/25. LFGP-2/3/4/5 sampled on 11/12/2025

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Lyon Park				
Project Number:	23050630 - 823RI-7				
Location:	Durham, NC			**Date:**	11/11/2025
Weather:	Sunny			**Air Temp (°F):**	40s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	LFGP-DUP-01	LFGP-6	LFGP-9	LFGP-8	LFGP-7
Canister ID	6L2151	6L1007	6L0664	6L1662	6L0791
Regulator ID	24540	23943	23477	23753	24241
Canister Volume (L)	6	6	6	6	6
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	16.2	14.2	15.2	14.8	16.1
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	11	0	60	4	0	12	11	0	60	11	0	60	7	0	36
Sand Pack Interval Depth (in-bgs)	72	to	132	36	to	48	72	to	132	72	to	132	48	to	84
Volume (mL)	1298			268			1298			1298			781		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	19.5			4.0			19.5			19.5			11.7		
Actual Purge Time (min)	20.0			5.0			20.0			20.0			12.0		

Sample Collection					
Start Time	12:41	11:15	10:33	10:53	11:03
Initial Vacuum (inHg)	30	30	30	30	29
End Time	13:43	12:15	11:25	11:48	12:05
Final Vacuum (inHg)	4	5	5	4	7
Approximate Total Time (min)	62	60	52	55	62
Sample Analysis	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15

Sampler Information

Sampled by: Logan Hester Sampler Signature: Date: 3/9/2025

Notes: 1. Per the NCDEQ DWM VI Guidance dated March 2018, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.

2. LFGP-DUP-01 taken at LFGP-1.

Revision Date: 5/3/18 11:30

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Lyon Park				
Project Number:	23050630 - 823RI-7				
Location:	Durham, NC			**Date:**	11/11/2025
Weather:	Sunny			**Air Temp (°F):**	40s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	
Sample Information					
Sample Type					
Sample ID	LFGP-10				
Canister ID	6L0361				
Regulator ID	23982				
Canister Volume (L)	6	6	6	6	6
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	16.3				
He Detected in Leak Test (Y or N)	No				
He Conc. Detected in Leak Test (ppm)	0				
Percent of He in the Leak Test versus the Shroud	0.000%				
Leak Test Passed (Yes/No)[1]	Yes				

Purge Information

Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	48	0	12		0			0			0			0	
Sand Pack Interval Depth (in-bgs)	36	to	48		to			to			to			to	
Volume (mL)	464														
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	7.0			#VALUE!			#VALUE!			#VALUE!			#VALUE!		
Actual Purge Time (min)	7.0														

Sample Collection					
Start Time	12:20				
Initial Vacuum (inHg)	29				
End Time	13:24				
Final Vacuum (inHg)	6				
Approximate Total Time (min)	64				
Sample Analysis	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15

Sampler Information

Sampled by: Logan Hester Sampler Signature: Date: 3/9/2025

Notes: 1. Per the NCDEQ DWM VI Guidance dated March 2018, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.

2

Revision Date: 5/3/18 11:30

GROUNDWATER SAMPLING FIELD DATA

Location: _____ Purge Date: _____
Project No.: _____ Purge Time: _____
Source Well: _____ Sample Date: _____
Sample Time: _____
Locked?: Yes: x No: _____ Weather: _____
Sampled By: _____ Air Temp: _____

Water Level & Well Data

Depth to water from measuring point: _____ feet
Depth to well bottom from measuring point: _____ feet
Height of water column: 0.00 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate _____ ml/min

Purge Time
Start 905 Stop _____

Sample Collection Time
Start _____ Stop _____

Volume of water in well
2" well:
height: 0 x .163 = 0 Gallons 0.0 Liters

Volume of water removed _____ gallons _____ liters x

Was well purged dry Yes _____ No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments _____

Sampler Signatures (1) _____
(2) _____

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: MW-1
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1500
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 10.65 feet
Depth to well bottom from measuring point: 31.60 feet
Height of water column: 20.95 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 1445 Stop 1500
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 20.95 x .163 = 3.41485 Gallons 12.9 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1445	11/4/25	19.90	7.35	0.820	5.74			
1450	11/4/25	19.20	7.50	0.83	5.63			
1455	11/4/25	19.20	7.40	0.81	9.86			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	1.3%	2.4%	75.1%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: _____
Project No.: _____
Source Well: MW-2

Purge Date: Tuesday, November 4, 2025
Purge Time: _____
Sample Date: _____
Sample Time: 1400

Locked?: Yes: x No: _____
Sampled By: ECP

Weather: _____
Air Temp: _____

Water Level & Well Data

Depth to water from measuring point: 9.93 feet
Depth to well bottom from measuring point: 31.03 feet
Height of water column: 21.10 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate _____ ml/min

Purge Time
Start 1315 Stop 1355

Sample Collection Time
Start _____ Stop _____

Volume of water in well
2" well:
height: 21.1 x .163 = 3.4393 Gallons 13.0 Liters

Volume of water removed _____ gallons _____ liters x

Was well purged dry Yes _____ No x

Field Analyses

*Stabilization Parameters

	Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
Extremely turbid	1315	11/4/25	22.10	6.94	0.730	>1000			
Decanted for metals	1345	11/4/25	21.60	6.94	0.77	>1000			
	1355	11/4/25	21.50	6.94	0.74	>1000			
Final Readings									
			* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.5%	0.0%	3.9%	#VALUE!	#DIV/0!
100.0%	100.0%	100.0%	#VALUE!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments _____

Sampler Signatures (1) _____
(2) _____

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: MW-3
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1600
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 11.16 feet
Depth to well bottom from measuring point: 46.49 feet
Height of water column: 35.33 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 1540 Stop 1600
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 35.33 x .163 = 5.75879 Gallons 21.8 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1540	11/4/25	17.40	7.71	0.780				
1545	11/4/25	18.20	7.36	0.76				
1550	11/4/25	17.60	7.50	0.77				
1555	11/4/25	17.20	7.39	0.78				
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
3.3%	1.9%	1.3%	#DIV/0!	#DIV/0!
2.3%	1.5%	1.3%	#DIV/0!	#DIV/0!
100.0%	100.0%	100.0%	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: MW-4
Locked?: Yes: x No:
Sampled By: ecp

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1125
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 3.80 feet
Depth to well bottom from measuring point: 26.00 feet
Height of water column: 22.20 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 22.2 x .163 = 3.6186 Gallons 13.7 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1105	11/4/25	18.90	6.99	0.850	55.70			
1115	11/4/25	18.50	7.00	0.86	53.30			
1120	11/4/25	181.00	7.40	0.56	44.20			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
878.4%	5.7%	34.9%	17.1%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: MW-5
Locked?: Yes: x No:
Sampled By: ECP

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1030
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 3.00 feet
Depth to well bottom from measuring point: 26.62 feet
Height of water column: 23.62 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 1010 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 23.62 x .163 = 3.85006 Gallons 14.6 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

	Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
	1015	11/4/25	17.10	7.80	0.590	95.10			
110425-DUP-1 collected from this well	1025	11/4/25	17.10	7.60	0.6	95.80			
	1030	11/4/25	17.20	7.60	0.6	88.90			
Final Readings									
			* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.0%	0.0%	7.2%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: MW-6
Locked?: Yes: x No:
Sampled By:

Purge Date: Wednesday, November 5, 2025
Purge Time:
Sample Date:
Sample Time: 1225
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 20.79 feet
Depth to well bottom from measuring point: 55.61 feet
Height of water column: 34.82 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 34.82 x .163 = 5.67566 Gallons 21.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1205	11/5/25	20.70	7.15	0.67	13.80			
1210	11/5/25	18.80	7.02	0.67	16.80			
1215	11/5/25	18.70	7.04	0.67	19.70			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.5%	0.3%	0.0%	17.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: MW-7
Locked?: Yes: x No:
Sampled By:

Purge Date: Wednesday, November 5, 2025
Purge Time:
Sample Date:
Sample Time: 1315
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 14.61 feet
Depth to well bottom from measuring point: 26.50 feet
Height of water column: 11.89 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 11.89 x .163 = 1.93807 Gallons 7.3 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1300	11/5/25	22.10	7.15	0.33	26.30			
1305	11/5/25	21.60	6.97	0.33	63.70			
1310	11/5/25	21.50	6.91	0.32	63.20			
1315	11/5/25	21.60	6.99	0.3	68.80			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.5%	0.9%	3.0%	0.8%	#DIV/0!
0.5%	1.2%	0.0%	8.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: AMW-8
Locked?: Yes: x No:
Sampled By: ECP (MV)

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1400
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 8.80 feet
Depth to well bottom from measuring point: 24.20 feet
Height of water column: 15.40 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 15.4 x .163 = 2.5102 Gallons 9.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1330	11/4/25	17.00	6.60	1.18				
1335	11/4/25	17.10	6.90	1.18				
1342	11/4/25	17.10	6.90	1.18				
1347	11/4/25	17.00	6.90	1.2				
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	0.0%	0.0%	#DIV/0!	#DIV/0!
0.6%	0.0%	0.0%	#DIV/0!	#DIV/0!
100.0%	100.0%	100.0%	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: AMW-9
Locked?: Yes: x No:
Sampled By: ECP (MV)

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1240
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 15.40 feet
Depth to well bottom from measuring point: 24.60 feet
Height of water column: 9.20 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 9.2 x .163 = 1.4996 Gallons 5.7 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1224	11/4/25	17.50	6.60	0.44	22.70			
1232	11/4/25	17.50	6.20	0.41	12.40			
1238	11/4/25	17.50	6.30	0.41	6.10			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	1.6%	0.0%	50.8%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: AMW-7
Locked?: Yes: x No:
Sampled By: ECP (MV)

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: 1550
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 8.15 feet
Depth to well bottom from measuring point: 23.50 feet
Height of water column: 15.35 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 15.35 x .163 = 2.50205 Gallons 9.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1528	11/4/25	16.80	6.90	2.31	20.20			
1535	11/4/25	16.90	6.90	2.29	17.10			
1540	11/4/25	16.80	6.90	2.27	12.90			
1545	11/4/25	16.90	6.90	2.3	12.40			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.0%	0.9%	24.6%	#DIV/0!
0.6%	0.0%	0.0%	3.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: A-MW-3
Locked?: Yes: x No:
Sampled By:

Purge Date: Wednesday, November 5, 2025
Purge Time:
Sample Date: Wednesday, November 5, 2025
Sample Time: 1405
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 15.82 feet
Depth to well bottom from measuring point: 26.81 feet
Height of water column: 10.99 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 10.99 x .163 = 1.79137 Gallons 6.8 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1350	11/5/25	24.00	6.10	0.50	46.90			
1355	11/5/25	23.50	6.31	0.50	46.70			
1400	11/5/25	24.20	6.07	0.49	25.70			
1405	11/5/258	24.70	6.12	0.5	8.67			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
3.0%	3.8%	2.0%	45.0%	#DIV/0!
2.1%	0.8%	0.0%	66.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: A-MW-5
Locked?: Yes: x No:
Sampled By: ECP

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date:
Sample Time: NA - DRY
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 15.86 feet
Depth to well bottom from measuring point: 16.11 feet
Height of water column: 0.25 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 1000 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 0.25 x .163 = 0.04075 Gallons 0.2 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1005	11/5/25	21.50	6.65	0.69	49.70			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: A-MW-6
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, November 5, 2024
Purge Time:
Sample Date:
Sample Time: 1110
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 20.24 feet
Depth to well bottom from measuring point: 29.26 feet
Height of water column: 9.02 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 905 Stop

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 9.02 x .163 = 1.47026 Gallons 5.6 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

	Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
110525-DUP-1 collected from this well	1045	11/5/25	22.70	7.26	1.01	15.00			
	1050	11/5/25	22.80	7.46	0.99	11.00			
	1055	11/5/25	22.60	7.47	0.93	5.74			
Final Readings									
			* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.9%	0.1%	6.1%	47.8%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: A-MW-7
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date: Saturday, January 4, 2025
Sample Time:
Weather: Clear
Air Temp: 64

Water Level & Well Data

Depth to water from measuring point: 8.15 feet
Depth to well bottom from measuring point: 23.50 feet
Height of water column: 15.35 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 15.35 x .163 = 2.50205 Gallons 9.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1528	11/4/25	16.80	6.90	2.31	20.20			
1535	11/4/25	16.90	6.90	2.29	17.10			
1540	11/4/25	16.80	6.90	2.27	12.90			
1545	11/4/25	16.90	6.90	2.3	12.40			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.0%	0.9%	24.6%	#DIV/0!
0.6%	0.0%	0.0%	3.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: A-MW-8
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date: Tuesday, November 4, 2025
Sample Time: 1400
Weather:
Air Temp: 64

Water Level & Well Data

Depth to water from measuring point: 8.80 feet
Depth to well bottom from measuring point: 24.20 feet
Height of water column: 15.40 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 15.4 x .163 = 2.5102 Gallons 9.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1330	11/4/25	17.00	6.60	1.18	6.10			
1335	11/4/25	17.10	6.90	1.18	11.90			
1342	11/4/25	17.10	6.90	1.18	9.90			
1347	11/4/25	17.00	6.90	1.2	10.00			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	0.0%	0.0%	16.8%	#DIV/0!
0.6%	0.0%	0.0%	1.0%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:
Project No.:
Source Well: A-MW-9
Locked?: Yes: x No:
Sampled By:

Purge Date: Tuesday, November 4, 2025
Purge Time:
Sample Date: Tuesday, November 4, 2025
Sample Time: 1240
Weather:
Air Temp: 64

Water Level & Well Data

Depth to water from measuring point: 15.40 feet
Depth to well bottom from measuring point: 24.60 feet
Height of water column: 9.20 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method GeoSub Pump
Sample Method GeoSub Pump
Purge Rate ml/min

Purge Time
Start 1224 Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 9.2 x .163 = 1.4996 Gallons 5.7 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1224	11/4/25	17.50	6.60	0.44	22.70			
1232	11/4/25	17.50	6.20	0.41	12.40			
1238	11/4/25	17.50	6.30	0.41	6.10			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.0%	1.6%	0.0%	50.8%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

Environmental Field Report

Date:	Job Number:
11-04-2025	23050630
Project Name: Lyon Park	**Weather/Temperature:** Sunny / 64°
Project Location: Lyon Park Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Monica Villegas, Chase Porter

Equipment Used
Peristaltic Pump
Turbidity meter
pH / EC meter

Arrived onsite at 9:30 am and met with Chase Porter and Gerald Paul. Jerry praided a project overview and safety recommendations.
Ground water sampling was performed in accordance to the scope of work, using a disposable clear tubing and peristaltic pump. Then samples were screened for varios parameters (see attach pages). I assisted with the sampling of MW-5, and MW-4 alongside chase.
Then I completed sampling at wells A-MW-9, A-MW-8, and A-MW-7.
Samples were preserved, labeled and stored on ice for transport to the lab. Chase transported these to the lab in Raleigh
Field parameters (pH, conductivity, temperature, turbidity) were measured and recorded on individual field data sheets. Chase to input this data into excel sheets.
No equipment malfunctions/anomalies were observed during sampling.

Hours	Mileage	Signature of S&ME Personnel
8	5	Monica Villegas

Environmental Field Report

Date:	Job Number:
11/04/2025	23050630
Project Name: Lyon Park	**Weather/Temperature:** 64°
Project Location: Durham, NC	
Notes By: ☐ ☒	**Present at the Site:** Chase Porter, Monica Villegas

Equipment Used

AMW-9 @ 12:40 pm

- Depth to water: 15.4 ft
- Depth to well: 24.6 ft

TIME	TEMP (°C)	PH	CONDUCTIVITY (mS)	TURBIDITY
12:24	17.5	6.6	0.44	22.7
12:32	17.5	6.2	0.41	12.4
12:38	17.5	6.3	0.41	6.1

AMW-8 @ 14:00

- Depth to water: 8.8 ft
- Depth to well bottom: 24.2 ft

TIME	TEMP (°C)	PH	CONDUCTIVITY (mS)	TURBIDITY
13:30	17.0	6.6	1.18	6.10
13:35	17.1	6.9	1.18	11.9
13:42	17.1	6.9	1.18	9.9
13:47	17.0	6.9	1.18	10.0

Hours	Mileage	Signature of S&ME Personnel

Environmental Field Report	
Date: 11/04/2025	Job Number:
Project Name:	Weather/Temperature:
Project Location:	
Notes By: ☐ ☐	Present at the Site:

Equipment Used
pH and CC meter. Peristaltic pump.

A-MW-7 @ 15:50

- Depth to water: 8.15 ft
- Depth to well bottom: 23.5

TIME	TEMP (°C)	PH	CONDUCTIVITY (mS)	TURBIDITY
15:28	16.8	6.9	2.31	20.2
15:35	16.9	6.9	2.29	17.1
15:40	16.8	6.9	2.27	12.9
15:45	16.9	6.9	2 27	12.4

Hours	Mileage	Signature of S&ME Personnel

Environmental Field Report	
Date: 11-05-2025	Job Number: 23050630
Project Name: Lyon Park	Weather/Temperature: Sunny / 63°
Project Location: Lyon Park and adjacent lot	
Notes By: ☒ ☒	Present at the Site: Marica Villegas, Chase Pater

Equipment Used
Peristaltic Pump Turbidity meter PH/EC meter.

Arrived on site at 8:30am and met with Chase. He unlocked the gates to access the parking lots where the remaining eight GW monitor wells needed to be sampled were located
I completed sampling at wells A-MW-1, AMW-2 and A-MW-4.
Field parameters, including pH, conductivity, temperature, and turbidity, were measured and recorded on separate sheets.
No issues were encountered during field activities.

Hours	Mileage	Signature of S&ME Personnel
7	10	MzVillegas

Environmental Field Report

Date:	Job Number:
11/05/2025	23050630
Project Name: Lyon Park	**Weather/Temperature:** 63°
Project Location: Lyon Park, Durham, NC	
Notes By: ☑ ☐	**Present at the Site:** Monica Villegas, Chase Porter

Equipment Used

Peristaltic pump
pH/EC meter.

A-MW-1

sample time: 10:33

- Depth to water: 23.3 ft
- Depth to bottom of well: 27.0'

TIME	TEMP (°C)	pH	CONDUCTIVITY (mS)	TURBIDITY
10:05	19.0	6.92	0.96	410
10:10	19.0	6.78	0.92	175
10:20	19.0	6.77	0.90	834
10:25	19.2	6.79	0.90	499
10:30	19.0	6.72	0.91	122

A-MW-2

Sample time: 11:35

Depth to water: 17.9'
Depth to bottom of well: 23.0'

11:15	19.9	6.82	1.08	6.16
11:22	19.7	6.77	1.09	8.55
11:28	19.8	6.78	1.09	3.96

Hours	Mileage	Signature of S&ME Personnel

Environmental Field Report

Date:	Job Number:
11-05-2025	23050630
Project Name: Lyon Park	**Weather/Temperature:** 63°
Project Location: Lyon Park, Durham, NC	
Notes By: ☑ ☐	**Present at the Site:** Monica Villegas, Chase Pater

Equipment Used

Peristaltic pump
turbidity meter
pH / EC meter

A-MW-4 sample time: 13:47

- Depth to water: 9.1 ft
- Depth to bottom of well: 19.5 ft

TIME	TEMP (°C)	pH	CONDUCTIVITY	TURBIDITY
13:20	24.0	7.9	0.30	13.3
13:25	23.8	7.8	0.30	10.8
13:31	24.0	7.8	0.30	9.6

Hours	Mileage	Signature of S&ME Personnel

Environmental Field Report	
Date: 11/5/2025 - 11/6/2025	**Job Number:** 23050630
Project Name: City of Durham Parks Lyon Park SED/SW Sampling	**Weather/Temperature:**
Project Location: 1101 Cornell St. & 1200 W. Lakewood Ave, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin Monica Villegas Chase Porter

Equipment Used
iPad
Sampling Tools
Multipurpose Meter
Turbidity Meter
Trimble GPS Unit "E"

Purpose: Sample the sediment and surface water along the waterway at Lyon Park.

- Arrive at the site. Scout the park area.

- Calibration of the multipurpose meter (Hanna HI98129):

Calibration of the turbidity meter (LaMotte 2020wi 1803-0312)

- Set out to sample the sediment and surface water at the designated locations. See the table below for sampling times, data, and information. I log location waypoints at the sampling locations with the Trimble GPS Unit "E."

	Sampling Time	Sediment ID	Surface Water ID	pH	Conductivity (uS/cm)	Temperature (°C)	Turbidity (NTU)	Relative Flow	
11/5/25	1045	SED-9	SW-9	7.75	311	12.4	17.1	Low	6 hrs 9-3
	1130	SED-8	SW-8	7.60	261	13.5	3.61	Low	
	1245	SED-7	SW-7	7.36	390	15.1	4.38	Low	
	1320	SED-6	SW-6	7.17	278	15.4	3.39	Low	
	1440	SED-5	SW-5	7.51	435	16.8	1.65	Low	
	1440	SED-Dup	SW-Dup	7.51	435	16.8	1.65	Low	
11/6/25	0805	SED-4	SW-4	7.68	341	10.8	1.76	Low	
	0805	SED-Dup	SW-Dup	7.68	341	10.8	1.76	Low	
	0910	SED-3	SW-3	7.45	345	11.8	1.48	Low	8-10
	0925	SED-2	SW-2	7.54	27.9	12.1	2.53	Low	
	0950	SED-1	SW-1	7.80	343	12.1	3.29	Low	

Hours	Mileage	Signature of S&ME Personnel
8.0	60	Jonathan Olanin

Appendix III – Laboratory Analytical Reports and and Chain of Custody Records

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542090
LIMS Reference ID: AD42090
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 Ph. C (Lyon Park 822RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD42090-01	822-LFGP-5	Air	11/12/2025	11/13/2025
AD42090-02	822-LFGP-4	Air	11/12/2025	11/13/2025
AD42090-03	822-LFGP-3	Air	11/12/2025	11/13/2025
AD42090-04	822-LFGP-2	Air	11/12/2025	11/13/2025

Owen McKenna Laboratory Manager or other approved signatory

Test results meet all NELAP requirements unless otherwise specified. NJDEP Certification #: 03036

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542090
LIMS Reference ID: AD42090
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 Ph. C (Lyon Park 822RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

Analysis Case Narrative

Method Reference
ASTM D5504-12: Standard Test Method for Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence, ASTM International, West Conshohocken, PA, 2012,

Column
Agilent DB-Sulfur SCD, 70m x 0.53mm ID x 4.3µm

Concentrator Traps:
2.0 cc Loop

Gas Standards:
Certified Gas standards were used for all analyses.

Sample Volumes:
Sample volume aliquots for this procedure is 2.0 cc by loop injection.

Sampling Pressures:
All samples were received at acceptable pressure/vacuum unless listed below.

Holding Times:
All holding times were met.

Sample Pressures:
All samples received in summa canisters were sightly pressurized with UHP diluent and transferred to tedlar bags prior to analysis.

Sample Pressures:

Sample ID	Analysis	Analyzed	Dilution
AD42090-01	49-Hydrogen Sulfide by ASTM D5504	No Dilutions	
AD42090-02	49-Hydrogen Sulfide by ASTM D5504	No Dilutions	
AD42090-03	49-Hydrogen Sulfide by ASTM D5504	No Dilutions	
AD42090-04	49-Hydrogen Sulfide by ASTM D5504	No Dilutions	

Initial Calibration:
All acceptance criteria were met.

Initial Calibration Verification Standard (ICVS)- Second Source:
All acceptance criteria were met.

Laboratory Control Samples (LCS):
All acceptance criteria were met.

Continuing Calibration Verification Standard (CCVS):
All acceptance criteria were met.

Method Blanks (MB):
All acceptance criteria were met.

Sample Duplicate:
All acceptance criteria were met.

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542090
LIMS Reference ID: AD42090
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 Ph. C (Lyon Park 822RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

EMSL Analytical, Inc. certifies that this data package is in compliance with the terme and conditions of this contract, both technically and for completeness, for other thatn the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer ---readable data submitted on diskette has been authorized by the laboratory manager or his/her designee, as verified by the following signature



Owen McKenna Laboratory Manager or other approved signatory

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Customer PO:
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Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

EMSL Sample ID: AD42090-01
Customer Sample ID: 822-LFGP-5
Collected: 11/12/2025 15:40
Received: 11/13/2025 11:26

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/13/25 14:30	BDK1521	R1574.D	822-LFGP-5	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/13/25 14:30	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

Agency Definitions

OSHA= Occupational Safety and Health Administration
NIOSH=National Institute for Occupational Safety and Health
ACGIH=American Conference of Governmental Industrial Hygienistsn

Method Reference

ASTM D5504-12: Standard Test Method for Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence

Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

EMSL Sample ID: AD42090-02
Customer Sample ID: 822-LFGP-4
Collected: 11/12/2025 15:45
Received: 11/13/2025 11:26

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/13/25 14:44	BDK1521	R1575.D	822-LFGP-4	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/13/25 14:44	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

EMSL Sample ID: AD42090-03
Customer Sample ID: 822-LFGP-3
Collected: 11/12/2025 15:50
Received: 11/13/2025 11:26

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/13/25 14:57	BDK1521	R1576.D	822-LFGP-3	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/13/25 14:57	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

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LIMS Reference ID: AD42090
EMSL Customer ID: SMEI60

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jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 Ph. C (Lyon Park 822RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
Reported: 11/28/2025 09:32

EMSL Sample ID: AD42090-04
Customer Sample ID: 822-LFGP-2
Collected: 11/12/2025 15:55
Received: 11/13/2025 11:26

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/13/25 15:10	BDK1521	R1577.D	822-LFGP-2	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/13/25 15:10	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

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EMSL Customer ID: SMEI60

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Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/13/2025 11:26
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Notes and Definitions

Item	Definition
ND	Non Detect. This notation would be used in the results column in lieu of a "U" qualifier.
U	Compound was analyzed for but not detected at a listed and appropriately adjusted reporting level.
J(Target)	Concentration estimated between Reporting Limit and MDL.
J	Estimated value reported below adjusted reporting limit for target compounds or estimating a concentration for TICs where a 1:1 response is assumed
B	Compound found in associated method blank as well as in the sample.
E	Estimated value exceeding upper calibration range of instrument. Ethanol and isopropyl alcohol are not specifically targeted to dilute within calibration range.
D	Compound reported from additional diluted analysis.
N	indicates presumptive evidence of a compound based on library search match.

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

A042050 EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.com

RECEIVED EMSL CINNAMINSON, NJ 2025 NOV 13 A 9:40

Customer Information

Customer ID:
Company Name: S&ME
Contact Name: Gerald Paul
Street Address: 3201 Spring Forest Rd
City, State, Zip: Raleigh, NC 27616 Country: US
Phone: 919-801-5359 / 919-872-2660
Email(s) for Report: jpaul@smeinc.com ; lhester@smeinc.com

Billing Information

Billing ID:
Company Name:
Billing Contact:
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Invoice:

Project Name/No: City of Durham Parks - 23050630 Ph. C (Lyon Park 822RI-9)
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NC
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No Other (Specify)
PWS ID:
State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☑ CLIENT Samples Received Chilled? ☐ ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name:
Sampled By Signature:
Sampler ID#: (if applicable)
No. Samples in Shipment:

Turn-Around-Time (TAT)

Standard Turn-Around-Time: ☑ 2 Weeks
The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
			10/12/25											
822-LFGP-5	☐	☒	1540	A		X								Low Level H2S
822-LFGP-4	☐	☒	1545	A		X								
822-LFGP-3	☐	☒	1550	A		X								
822-LFGP-2	☐	☒	1555	A		X								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

24-hr hold time

Reporting requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other

Method of Shipment:
Sample Condition Upon Receipt:
Received on Ice? Check if Yes ☐

Relinquished by: Date/Time:
Received by: EFX Date/Time: 11/13/25 0920

Relinquished by: Date/Time:
Received by: Date/Time: 11/13/25 1005

Controlled Document - COC-80 Chemistry Sampling Event R4 07/15/2025

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

4SAH

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety.
Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD42732-01	822-LFGP-1	Air	11/17/2025	11/18/2025
AD42732-02	822-LFGP-6	Air	11/17/2025	11/18/2025
AD42732-03	822-LFGP-7	Air	11/17/2025	11/18/2025
AD42732-04	822-LFGP-8	Air	11/17/2025	11/18/2025
AD42732-05	822-LFGP-9	Air	11/17/2025	11/18/2025
AD42732-06	822-LFGP-10	Air	11/17/2025	11/18/2025
AD42732-07	822-LFGP-DVP	Air	11/17/2025	11/18/2025



Owen McKenna Laboratory Manager or other approved signatory

Test results meet all NELAP requirements unless otherwise specified. NJDEP Certification #: 03036

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

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Column
Agilent DB-Sulfur SCD, 70m x 0.53mm ID x 4.3µm

Concentrator Traps:
2.0 cc Loop

Gas Standards:
Certified Gas standards were used for all analyses.

Sample Volumes:
Sample volume aliquots for this procedure is 2.0 cc by loop injection.

Sampling Pressures:
All samples were received at acceptable pressure/vacuum unless listed below.

Holding Times:
All holding times were met.

Sample Pressures:
All samples received in summa canisters were sightly pressurized with UHP diluent and transferred to tedlar bags prior to analysis.

Sample Pressures:

Initial Calibration:
All acceptance criteria were met.

Initial Calibration Verification Standard (ICVS)- Second Source:
All acceptance criteria were met.

Laboratory Control Samples (LCS):
All acceptance criteria were met.

Continuing Calibration Verification Standard (CCVS):
All acceptance criteria were met.

Method Blanks (MB):
All acceptance criteria were met.

Sample Duplicate:
All acceptance criteria were met.

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EMSL Analytical, Inc. certifies that this data package is in compliance with the terme and conditions of this contract, both technically and for completeness, for other thatn the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer ---readable data submitted on diskette has been authorized by the laboratory manager or his/her designee, as verified by the following signature



Owen McKenna Laboratory Manager or other approved signatory

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jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-01
Customer Sample ID: 822-LFGP-1
Collected: 11/17/2025 13:55
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 14:00	BDK2010	R1612.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 14:00	
Total Target Compound Concentrations:			**0**			**0**			

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Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
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LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-02
Customer Sample ID: 822-LFGP-6
Collected: 11/17/2025 14:45
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 14:12	BDK2010	R1613.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 14:12	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

Agency Definitions

OSHA= Occupational Safety and Health Administration
NIOSH=National Institute for Occupational Safety and Health
ACGIH=American Conference of Governmental Industrial Hygienistsn

Method Reference

ASTM D5504-12: Standard Test Method for Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence

Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-03
Customer Sample ID: 822-LFGP-7
Collected: 11/17/2025 14:50
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 14:25	BDK2010	R1614.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 14:25	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

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Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-04
Customer Sample ID: 822-LFGP-8
Collected: 11/17/2025 15:00
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 15:02	BDK2010	R1615.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 15:02	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

Agency Definitions

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Method Reference

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Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-05
Customer Sample ID: 822-LFGP-9
Collected: 11/17/2025 15:05
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 15:15	BDK2010	R1616.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 15:15	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

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Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-06
Customer Sample ID: 822-LFGP-10
Collected: 11/17/2025 14:10
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 15:28	BDK2010	R1617.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 15:28	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

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Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

EMSL Sample ID: AD42732-07
Customer Sample ID: 822-LFGP-DVP
Collected: 11/17/2025 00:00
Received: 11/18/2025 12:20

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/18/25 15:41	BDK2010	R1618.D	tedlar	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/18/25 15:41	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

Analyte	Odor characteristics[2]	Lowest Validated Odor Threshold[2]	OSHA PEL (gen. Industry-ceiling) [1]	NIOSH REL (ceiling) [1]	ACGIH TLV (TWA) [1]
Hydrogen Sulfide	**Rotton eggs, flatus**	**1 ppb**	**20 ppm**	**10 ppm**	**1 ppm**
Carbonyl Sulfide	**Burnt matches, Burnt fireworks**	**NE**	**NE**	**NE**	**5 ppm**
Methyl Mercaptan	**Rotton cabbage odorized natural**	**0.0002 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Ethyl Mercaptan	**Rotton cabbage odorized natural**	**0.098 ppb**	**10 ppm**	**0.5 ppm**	**0.5 ppm**
Dimethyl Sulfide	**Garlic-like[3]**	**8 ppb**	**NE**	**NE**	**10 ppm**

Reference

1 www.osha.gov
2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
3 MSDS sheet, www.arkema-inc.com

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Method Reference

ASTM D5504-12: Standard Test Method for Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence

Exposure Limit Definitions

PEL= Permissable Exposure Limit TWA=Time Weighted Average TLV=Threashold Limit Value
REL=Recommended Exposure Limit NE= Not established

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012542732
LIMS Reference ID: AD42732
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks 23050630 - 822 - Lyon
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/18/2025 12:20
Reported: 12/04/2025 13:44

Notes and Definitions

Item	Definition
ND	Non Detect. This notation would be used in the results column in lieu of a "U" qualifier.
U	Compound was analyzed for but not detected at a listed and appropriately adjusted reporting level.
J(Target)	Concentration estimated between Reporting Limit and MDL.
J	Estimated value reported below adjusted reporting limit for target compounds or estimating a concentration for TICs where a 1:1 response is assumed
B	Compound found in associated method blank as well as in the sample.
E	Estimated value exceeding upper calibration range of instrument. Ethanol and isopropyl alcohol are not specifically targeted to dilute within calibration range.
D	Compound reported from additional diluted analysis.
N	indicates presumptive evidence of a compound based on library search match.

822

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: AD42732

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.com

RECEIVED EMSL CINNAMINSON N.J. 2025 NOV 18 P 2:18

Customer Information

Customer ID:
Company Name: S&ME
Contact Name: Gerald Paul
Street Address: 3201 Spring Forest Rd
City, State, Zip: Raleigh, NC 27616 Country: US
Phone: 919-801-5359
Email(s) for Report: jpaul@smeinc.com

Billing Information

Billing ID:
Company Name:
Billing Contact:
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Invoice:

Project Name/No: Durham Parks 23050630 - 822 - Lyon
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NC
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Other (Specify)
PWS ID:
State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☑ CLIENT
Samples Received Chilled? ☐ ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: Brandon Governo
Sampled By Signature:
Sampler ID#: (if applicable)
No. Samples in Shipment:

Turn-Around-Time (TAT)

Standard Turn-Around-Time: ☑ 2 Weeks
The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
822-LFGP-1	☐	☒	11-17 1355	A		X								Low Level H2S
822-LFGP-6	☐	☒	1445	A		X								
822-LFGP-7	☐	☒	1450	A		X								
822-LFGP-8	☐	☒	1500	A		X								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Reporting requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other

Method of Shipment: Fedex
Sample Condition Upon Receipt:
Received on Ice? Check if Yes ☐

Relinquished by: Brandon Governo
Date/Time: 11-17-25 1710
Received by: Angie Nulll ECR
Date/Time: 11/18/25 1200

Relinquished by:
Date/Time:
Received by:
Date/Time

☒ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety.
Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

7

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only
AD42732

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
822-LFGP-9	☐	☒	11-17 1505	A		X								
822-LFGP-10	☐	☒	1410	A		X								
822-LFGP-DUP	☐	☒		A		X								
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED EMSL Analytical, Inc. NOV 18 2025 CINNAMINSON, NJ

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by: Brandon Governo

Date/Time: 11-17-25 1710

Received by:

Date/Time

Relinquished by:

Date/Time:

Received by:

Date/Time

Controlled Document - COC-80 Chemistry Sampling Event R4 07/15/2025

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety.
Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

eurofins | Air Toxics

Analytical Report

12/12/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name: Durham Parks - Lyon 822
Project #: 65000581
Workorder #: 2511541A

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/19/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Brian Whittaker

Project Manager

eurofins | Air Toxics

WORK ORDER #: 2511541A

Work Order Summary

CLIENT:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616	**BILL TO:**	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616
PHONE:	919-872-2660	**P.O. #**	
FAX:	919-790-8909	**PROJECT #**	65000581 Durham Parks - Lyon 822
DATE RECEIVED:	11/19/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	12/12/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	822-LFGP-5	TO-15	5.9 "Hg	1.8 psi
02A	822-LFGP-4	TO-15	6.7 "Hg	2.1 psi
03A	822-LFGP-3	TO-15	7.8 "Hg	1.8 psi
04A	822-LFGP-2	TO-15	9.2 "Hg	1.7 psi
05A	822-LFGP-1	TO-15	6.7 "Hg	2 psi
06A	822-LFGP-DUP-01	TO-15	5.9 "Hg	2.1 psi
07A	822-LFGP-6	TO-15	8 "Hg	1.9 psi
08A	822-LFGP-9	TO-15	6.9 "Hg	1.8 psi
09A	822-LFGP-8	TO-15	8.2 "Hg	2 psi
10A	822-LFGP-7	TO-15	6.7 "Hg	1.8 psi
11A	822-LFGP-10	TO-15	5.7 "Hg	1.9 psi
12A	Lab Blank	TO-15	NA	NA
12B	Lab Blank	TO-15	NA	NA
13A	CCV	TO-15	NA	NA
13B	CCV	TO-15	NA	NA
14A	LCS	TO-15	NA	NA
14AA	LCSD	TO-15	NA	NA
14B	LCS	TO-15	NA	NA
14BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 12/12/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
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LABORATORY NARRATIVE
EPA Method TO-15
S & ME, Inc.
Workorder# 2511541A

Eleven 6 Liter Summa Canister samples were received on November 19, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

The Chain of Custody (COC) information for sample 822-LFGP-2 did not match the information on the canister with regard to canister barcode. The sample labeled 6LD444 on the COC is labeled as D444 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

The Chain of Custody (COC) information for sample 822-LFGP-8 did not match the entry on the sample tag with regard to sample identification. The information on the COC was used to process and report the sample.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 822-LFGP-5

Lab ID#: 2511541A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.70	0.94	3.4	4.6

Client Sample ID: 822-LFGP-4

Lab ID#: 2511541A-02A

No Detections Were Found.

Client Sample ID: 822-LFGP-3

Lab ID#: 2511541A-03A

No Detections Were Found.

Client Sample ID: 822-LFGP-2

Lab ID#: 2511541A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	3.2	3.8	7.9	9.4

Client Sample ID: 822-LFGP-1

Lab ID#: 2511541A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.73	2.8	5.0	19

Client Sample ID: 822-LFGP-DUP-01

Lab ID#: 2511541A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.71	2.7	4.8	18

Client Sample ID: 822-LFGP-6

Lab ID#: 2511541A-07A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 822-LFGP-6

Lab ID#: 2511541A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.77	3.9	3.8	19
Cyclohexane	0.77	2.4	2.6	8.2
Benzene	0.77	2.9	2.4	9.4

Client Sample ID: 822-LFGP-9

Lab ID#: 2511541A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 113	0.73	2.3	5.6	17

Client Sample ID: 822-LFGP-8

Lab ID#: 2511541A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	7.8	9.4	18	22
Carbon Disulfide	3.1	4.1	9.7	13
Tetrachloroethene	0.78	10	5.3	68

Client Sample ID: 822-LFGP-7

Lab ID#: 2511541A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.2	14	14	26
Carbon Disulfide	2.9	11	9.0	35
Cyclohexane	0.72	1.7	2.5	5.9
Benzene	0.72	0.96	2.3	3.1

Client Sample ID: 822-LFGP-10

Lab ID#: 2511541A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
2-Propanol	2.8	6.3	6.8	16

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 822-LFGP-10

Lab ID#: 2511541A-11A

Tetrachloroethene	0.70	0.73	4.7	5.0

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Client Sample ID: 822-LFGP-5

Lab ID#: 2511541A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120424**	**Date of Collection:**	**11/12/25 10:00:00 A**
Dil. Factor:	**1.40**	**Date of Analysis:**	**12/5/25 01:56 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.70	Not Detected	3.5	Not Detected
Freon 114	0.70	Not Detected	4.9	Not Detected
Chloromethane	7.0	Not Detected	14	Not Detected
Vinyl Chloride	0.70	Not Detected	1.8	Not Detected
1,3-Butadiene	0.70	Not Detected	1.5	Not Detected
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	2.8	Not Detected	7.4	Not Detected
Freon 11	0.70	Not Detected	3.9	Not Detected
Ethanol	7.0	Not Detected	13	Not Detected
Freon 113	0.70	Not Detected	5.4	Not Detected
1,1-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	7.0	Not Detected	17	Not Detected
2-Propanol	2.8	Not Detected	6.9	Not Detected
Carbon Disulfide	2.8	Not Detected	8.7	Not Detected
3-Chloropropene	2.8	Not Detected	8.8	Not Detected
Methylene Chloride	7.0	Not Detected	24	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Hexane	0.70	Not Detected	2.5	Not Detected
1,1-Dichloroethane	0.70	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	Not Detected	8.2	Not Detected
cis-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.70	Not Detected	2.1	Not Detected
Chloroform	0.70	0.94	3.4	4.6
1,1,1-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Cyclohexane	0.70	Not Detected	2.4	Not Detected
Carbon Tetrachloride	0.70	Not Detected	4.4	Not Detected
2,2,4-Trimethylpentane	0.70	Not Detected	3.3	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Heptane	0.70	Not Detected	2.9	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2-Dichloropropane	0.70	Not Detected	3.2	Not Detected
1,4-Dioxane	2.8	Not Detected	10	Not Detected
Bromodichloromethane	0.70	Not Detected	4.7	Not Detected
cis-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.70	Not Detected	2.9	Not Detected
Toluene	1.4	Not Detected	5.3	Not Detected
trans-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Tetrachloroethene	0.70	Not Detected	4.7	Not Detected
2-Hexanone	2.8	Not Detected	11	Not Detected

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Client Sample ID: 822-LFGP-5

Lab ID#: 2511541A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120424**	**Date of Collection:**	**11/12/25 10:00:00 A**
Dil. Factor:	**1.40**	**Date of Analysis:**	**12/5/25 01:56 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.70	Not Detected	6.0	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.4	Not Detected
Chlorobenzene	0.70	Not Detected	3.2	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	0.70	Not Detected	3.0	Not Detected
Styrene	0.70	Not Detected	3.0	Not Detected
Bromoform	0.70	Not Detected	7.2	Not Detected
Cumene	0.70	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.70	Not Detected	4.8	Not Detected
Propylbenzene	0.70	Not Detected	3.4	Not Detected
4-Ethyltoluene	0.70	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
alpha-Chlorotoluene	0.70	Not Detected	3.6	Not Detected
1,2-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected
Hexachlorobutadiene	2.8	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.3	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: 822-LFGP-4

Lab ID#: 2511541A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120425**	**Date of Collection:**	**11/12/25 10:12:00 A**
Dil. Factor:	**1.47**	**Date of Analysis:**	**12/5/25 02:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	Not Detected	3.6	Not Detected
Freon 114	0.74	Not Detected	5.1	Not Detected
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	Not Detected	1.9	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected	28	Not Detected
Chloroethane	2.9	Not Detected	7.8	Not Detected
Freon 11	0.74	Not Detected	4.1	Not Detected
Ethanol	7.4	Not Detected	14	Not Detected
Freon 113	0.74	Not Detected	5.6	Not Detected
1,1-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Acetone	7.4	Not Detected	17	Not Detected
2-Propanol	2.9	Not Detected	7.2	Not Detected
Carbon Disulfide	2.9	Not Detected	9.2	Not Detected
3-Chloropropene	2.9	Not Detected	9.2	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.7	Not Detected
cis-1,2-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.0	Not Detected
Cyclohexane	0.74	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.74	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.4	Not Detected
Benzene	0.74	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.74	Not Detected	4.9	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	1.5	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	0.74	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.0	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
2-Hexanone	2.9	Not Detected	12	Not Detected

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Client Sample ID: 822-LFGP-4

Lab ID#: 2511541A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120425**	**Date of Collection: 11/12/25 10:12:00 A**	
Dil. Factor:	**1.47**	**Date of Analysis: 12/5/25 02:28 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.6	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Styrene	0.74	Not Detected	3.1	Not Detected
Bromoform	0.74	Not Detected	7.6	Not Detected
Cumene	0.74	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.0	Not Detected
Propylbenzene	0.74	Not Detected	3.6	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,3-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	22	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected
Naphthalene	1.5	Not Detected	7.7	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: 822-LFGP-3

Lab ID#: 2511541A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120426**	**Date of Collection:**	**11/12/25 10:24:00 A**
Dil. Factor:	**1.52**	**Date of Analysis:**	**12/5/25 02:59 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.76	Not Detected	3.8	Not Detected
Freon 114	0.76	Not Detected	5.3	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
Vinyl Chloride	0.76	Not Detected	1.9	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	3.0	Not Detected	8.0	Not Detected
Freon 11	0.76	Not Detected	4.3	Not Detected
Ethanol	7.6	Not Detected	14	Not Detected
Freon 113	0.76	Not Detected	5.8	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Acetone	7.6	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.5	Not Detected
Carbon Disulfide	3.0	Not Detected	9.5	Not Detected
3-Chloropropene	3.0	Not Detected	9.5	Not Detected
Methylene Chloride	7.6	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	9.0	Not Detected
cis-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.76	Not Detected	3.7	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Benzene	0.76	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.76	Not Detected	3.1	Not Detected
Heptane	0.76	Not Detected	3.1	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.5	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.1	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.1	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected

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Client Sample ID: 822-LFGP-3

Lab ID#: 2511541A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120426**	**Date of Collection:**	**11/12/25 10:24:00 A**
Dil. Factor:	**1.52**	**Date of Analysis:**	**12/5/25 02:59 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.76	Not Detected	6.5	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.8	Not Detected
Chlorobenzene	0.76	Not Detected	3.5	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Styrene	0.76	Not Detected	3.2	Not Detected
Bromoform	0.76	Not Detected	7.8	Not Detected
Cumene	0.76	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.2	Not Detected
Propylbenzene	0.76	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	3.9	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	8.0	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 822-LFGP-2

Lab ID#: 2511541A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120427**	**Date of Collection:**	**11/12/25 10:40:00 A**
Dil. Factor:	**1.61**	**Date of Analysis:**	**12/5/25 03:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.80	Not Detected	4.0	Not Detected
Freon 114	0.80	Not Detected	5.6	Not Detected
Chloromethane	8.0	Not Detected	17	Not Detected
Vinyl Chloride	0.80	Not Detected	2.0	Not Detected
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	8.0	Not Detected	31	Not Detected
Chloroethane	3.2	Not Detected	8.5	Not Detected
Freon 11	0.80	Not Detected	4.5	Not Detected
Ethanol	8.0	Not Detected	15	Not Detected
Freon 113	0.80	Not Detected	6.2	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Acetone	8.0	Not Detected	19	Not Detected
2-Propanol	3.2	3.8	7.9	9.4
Carbon Disulfide	3.2	Not Detected	10	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	8.0	Not Detected	28	Not Detected
Methyl tert-butyl ether	3.2	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Hexane	0.80	Not Detected	2.8	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.2	Not Detected	9.5	Not Detected
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.80	Not Detected	2.4	Not Detected
Chloroform	0.80	Not Detected	3.9	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.1	Not Detected
2,2,4-Trimethylpentane	0.80	Not Detected	3.8	Not Detected
Benzene	0.80	Not Detected	2.6	Not Detected
1,2-Dichloroethane	0.80	Not Detected	3.2	Not Detected
Heptane	0.80	Not Detected	3.3	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.7	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.80	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.3	Not Detected
Toluene	1.6	Not Detected	6.1	Not Detected
trans-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected

eurofins | Air Toxics

Client Sample ID: 822-LFGP-2

Lab ID#: 2511541A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120427**	**Date of Collection:**	**11/12/25 10:40:00 A**
Dil. Factor:	**1.61**	**Date of Analysis:**	**12/5/25 03:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.80	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.2	Not Detected
Chlorobenzene	0.80	Not Detected	3.7	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	1.6	Not Detected	7.0	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Styrene	0.80	Not Detected	3.4	Not Detected
Bromoform	0.80	Not Detected	8.3	Not Detected
Cumene	0.80	Not Detected	4.0	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.5	Not Detected
Propylbenzene	0.80	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected
Naphthalene	1.6	Not Detected	8.4	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: 822-LFGP-1

Lab ID#: 2511541A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120508**	**Date of Collection:**	**11/11/25 1:43:00 PM**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/5/25 04:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.73	Not Detected	3.6	Not Detected
Freon 114	0.73	Not Detected	5.1	Not Detected
Chloromethane	7.3	Not Detected	15	Not Detected
Vinyl Chloride	0.73	Not Detected	1.9	Not Detected
1,3-Butadiene	0.73	Not Detected	1.6	Not Detected
Bromomethane	7.3	Not Detected	28	Not Detected
Chloroethane	2.9	Not Detected	7.7	Not Detected
Freon 11	0.73	Not Detected	4.1	Not Detected
Ethanol	7.3	Not Detected	14	Not Detected
Freon 113	0.73	Not Detected	5.6	Not Detected
1,1-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Acetone	7.3	Not Detected	17	Not Detected
2-Propanol	2.9	Not Detected	7.2	Not Detected
Carbon Disulfide	2.9	Not Detected	9.1	Not Detected
3-Chloropropene	2.9	Not Detected	9.1	Not Detected
Methylene Chloride	7.3	Not Detected	25	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Hexane	0.73	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.73	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.6	Not Detected
cis-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.73	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Cyclohexane	0.73	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.73	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.73	Not Detected	3.4	Not Detected
Benzene	0.73	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.73	Not Detected	3.0	Not Detected
Heptane	0.73	Not Detected	3.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.73	Not Detected	3.4	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
cis-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
Toluene	1.5	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Tetrachloroethene	0.73	2.8	5.0	19
2-Hexanone	2.9	Not Detected	12	Not Detected

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Client Sample ID: 822-LFGP-1

Lab ID#: 2511541A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120508**	**Date of Collection:**	**11/11/25 1:43:00 PM**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/5/25 04:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
1,2-Dibromoethane (EDB)	0.73	Not Detected	5.6	Not Detected
Chlorobenzene	0.73	Not Detected	3.4	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	1.5	Not Detected	6.3	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Styrene	0.73	Not Detected	3.1	Not Detected
Bromoform	0.73	Not Detected	7.5	Not Detected
Cumene	0.73	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.73	Not Detected	5.0	Not Detected
Propylbenzene	0.73	Not Detected	3.6	Not Detected
4-Ethyltoluene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.73	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	22	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected
Naphthalene	1.5	Not Detected	7.6	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: 822-LFGP-DUP-01

Lab ID#: 2511541A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120509**	**Date of Collection:**	**11/11/25 1:43:00 PM**
Dil. Factor:	**1.42**	**Date of Analysis:**	**12/5/25 04:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.71	Not Detected	3.5	Not Detected
Freon 114	0.71	Not Detected	5.0	Not Detected
Chloromethane	7.1	Not Detected	15	Not Detected
Vinyl Chloride	0.71	Not Detected	1.8	Not Detected
1,3-Butadiene	0.71	Not Detected	1.6	Not Detected
Bromomethane	7.1	Not Detected	28	Not Detected
Chloroethane	2.8	Not Detected	7.5	Not Detected
Freon 11	0.71	Not Detected	4.0	Not Detected
Ethanol	7.1	Not Detected	13	Not Detected
Freon 113	0.71	Not Detected	5.4	Not Detected
1,1-Dichloroethene	0.71	Not Detected	2.8	Not Detected
Acetone	7.1	Not Detected	17	Not Detected
2-Propanol	2.8	Not Detected	7.0	Not Detected
Carbon Disulfide	2.8	Not Detected	8.8	Not Detected
3-Chloropropene	2.8	Not Detected	8.9	Not Detected
Methylene Chloride	7.1	Not Detected	25	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.71	Not Detected	2.8	Not Detected
Hexane	0.71	Not Detected	2.5	Not Detected
1,1-Dichloroethane	0.71	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	Not Detected	8.4	Not Detected
cis-1,2-Dichloroethene	0.71	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.71	Not Detected	2.1	Not Detected
Chloroform	0.71	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.71	Not Detected	3.9	Not Detected
Cyclohexane	0.71	Not Detected	2.4	Not Detected
Carbon Tetrachloride	0.71	Not Detected	4.5	Not Detected
2,2,4-Trimethylpentane	0.71	Not Detected	3.3	Not Detected
Benzene	0.71	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.71	Not Detected	2.9	Not Detected
Heptane	0.71	Not Detected	2.9	Not Detected
Trichloroethene	0.71	Not Detected	3.8	Not Detected
1,2-Dichloropropane	0.71	Not Detected	3.3	Not Detected
1,4-Dioxane	2.8	Not Detected	10	Not Detected
Bromodichloromethane	0.71	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	0.71	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.71	Not Detected	2.9	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	0.71	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.71	Not Detected	3.9	Not Detected
Tetrachloroethene	0.71	2.7	4.8	18
2-Hexanone	2.8	Not Detected	12	Not Detected

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Client Sample ID: 822-LFGP-DUP-01

Lab ID#: 2511541A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120509**	**Date of Collection:**	**11/11/25 1:43:00 PM**
Dil. Factor:	**1.42**	**Date of Analysis:**	**12/5/25 04:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.71	Not Detected	6.0	Not Detected
1,2-Dibromoethane (EDB)	0.71	Not Detected	5.4	Not Detected
Chlorobenzene	0.71	Not Detected	3.3	Not Detected
Ethyl Benzene	0.71	Not Detected	3.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	0.71	Not Detected	3.1	Not Detected
Styrene	0.71	Not Detected	3.0	Not Detected
Bromoform	0.71	Not Detected	7.3	Not Detected
Cumene	0.71	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.71	Not Detected	4.9	Not Detected
Propylbenzene	0.71	Not Detected	3.5	Not Detected
4-Ethyltoluene	0.71	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.71	Not Detected	3.5	Not Detected
1,2,4-Trimethylbenzene	0.71	Not Detected	3.5	Not Detected
1,3-Dichlorobenzene	0.71	Not Detected	4.3	Not Detected
1,4-Dichlorobenzene	0.71	Not Detected	4.3	Not Detected
alpha-Chlorotoluene	0.71	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.71	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected
Hexachlorobutadiene	2.8	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.4	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: 822-LFGP-6

Lab ID#: 2511541A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120510**	**Date of Collection:**	**11/11/25 12:15:00 P**
Dil. Factor:	**1.54**	**Date of Analysis:**	**12/5/25 05:08 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.77	3.9	3.8	19
Freon 114	0.77	Not Detected	5.4	Not Detected
Chloromethane	7.7	Not Detected	16	Not Detected
Vinyl Chloride	0.77	Not Detected	2.0	Not Detected
1,3-Butadiene	0.77	Not Detected	1.7	Not Detected
Bromomethane	7.7	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.1	Not Detected
Freon 11	0.77	Not Detected	4.3	Not Detected
Ethanol	7.7	Not Detected	14	Not Detected
Freon 113	0.77	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Acetone	7.7	Not Detected	18	Not Detected
2-Propanol	3.1	Not Detected	7.6	Not Detected
Carbon Disulfide	3.1	Not Detected	9.6	Not Detected
3-Chloropropene	3.1	Not Detected	9.6	Not Detected
Methylene Chloride	7.7	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Hexane	0.77	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.77	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.1	Not Detected
cis-1,2-Dichloroethene	0.77	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.77	Not Detected	2.3	Not Detected
Chloroform	0.77	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.77	Not Detected	4.2	Not Detected
Cyclohexane	0.77	2.4	2.6	8.2
Carbon Tetrachloride	0.77	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.77	Not Detected	3.6	Not Detected
Benzene	0.77	2.9	2.4	9.4
1,2-Dichloroethane	0.77	Not Detected	3.1	Not Detected
Heptane	0.77	Not Detected	3.2	Not Detected
Trichloroethene	0.77	Not Detected	4.1	Not Detected
1,2-Dichloropropane	0.77	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.77	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.77	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.77	Not Detected	3.2	Not Detected
Toluene	1.5	Not Detected	5.8	Not Detected
trans-1,3-Dichloropropene	0.77	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.77	Not Detected	4.2	Not Detected
Tetrachloroethene	0.77	Not Detected	5.2	Not Detected
2-Hexanone	3.1	Not Detected	13	Not Detected

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Client Sample ID: 822-LFGP-6

Lab ID#: 2511541A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120510**	**Date of Collection: 11/11/25 12:15:00 P**	
Dil. Factor:	**1.54**	**Date of Analysis: 12/5/25 05:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.77	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.77	Not Detected	5.9	Not Detected
Chlorobenzene	0.77	Not Detected	3.5	Not Detected
Ethyl Benzene	0.77	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.7	Not Detected
o-Xylene	0.77	Not Detected	3.3	Not Detected
Styrene	0.77	Not Detected	3.3	Not Detected
Bromoform	0.77	Not Detected	8.0	Not Detected
Cumene	0.77	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.77	Not Detected	5.3	Not Detected
Propylbenzene	0.77	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.77	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.77	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.77	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.77	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.77	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected
Naphthalene	1.5	Not Detected	8.1	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: 822-LFGP-9

Lab ID#: 2511541A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120511**	**Date of Collection:**	**11/11/25 11:25:00 A**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/5/25 05:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.73	Not Detected	3.6	Not Detected
Freon 114	0.73	Not Detected	5.1	Not Detected
Chloromethane	7.3	Not Detected	15	Not Detected
Vinyl Chloride	0.73	Not Detected	1.9	Not Detected
1,3-Butadiene	0.73	Not Detected	1.6	Not Detected
Bromomethane	7.3	Not Detected	28	Not Detected
Chloroethane	2.9	Not Detected	7.7	Not Detected
Freon 11	0.73	Not Detected	4.1	Not Detected
Ethanol	7.3	Not Detected	14	Not Detected
Freon 113	0.73	2.3	5.6	17
1,1-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Acetone	7.3	Not Detected	17	Not Detected
2-Propanol	2.9	Not Detected	7.2	Not Detected
Carbon Disulfide	2.9	Not Detected	9.1	Not Detected
3-Chloropropene	2.9	Not Detected	9.1	Not Detected
Methylene Chloride	7.3	Not Detected	25	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Hexane	0.73	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.73	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.6	Not Detected
cis-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.73	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Cyclohexane	0.73	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.73	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.73	Not Detected	3.4	Not Detected
Benzene	0.73	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.73	Not Detected	3.0	Not Detected
Heptane	0.73	Not Detected	3.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.73	Not Detected	3.4	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
cis-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
Toluene	1.5	Not Detected	5.5	Not Detected
trans-1,3-Dichloropropene	0.73	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.73	Not Detected	4.0	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
2-Hexanone	2.9	Not Detected	12	Not Detected

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Client Sample ID: 822-LFGP-9

Lab ID#: 2511541A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120511**	**Date of Collection:**	**11/11/25 11:25:00 A**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/5/25 05:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
1,2-Dibromoethane (EDB)	0.73	Not Detected	5.6	Not Detected
Chlorobenzene	0.73	Not Detected	3.4	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	1.5	Not Detected	6.3	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Styrene	0.73	Not Detected	3.1	Not Detected
Bromoform	0.73	Not Detected	7.5	Not Detected
Cumene	0.73	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.73	Not Detected	5.0	Not Detected
Propylbenzene	0.73	Not Detected	3.6	Not Detected
4-Ethyltoluene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.73	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	22	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected
Naphthalene	1.5	Not Detected	7.6	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: 822-LFGP-8

Lab ID#: 2511541A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120512**	**Date of Collection:**	**11/11/25 11:48:00 A**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/5/25 06:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.78	Not Detected	3.8	Not Detected
Freon 114	0.78	Not Detected	5.4	Not Detected
Chloromethane	7.8	Not Detected	16	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	7.8	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.2	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	7.8	Not Detected	15	Not Detected
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	7.8	9.4	18	22
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	3.1	4.1	9.7	13
3-Chloropropene	3.1	Not Detected	9.8	Not Detected
Methylene Chloride	7.8	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.2	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.6	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	1.6	Not Detected	5.9	Not Detected
trans-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Tetrachloroethene	0.78	10	5.3	68
2-Hexanone	3.1	Not Detected	13	Not Detected

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Client Sample ID: 822-LFGP-8

Lab ID#: 2511541A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120512**	**Date of Collection:**	**11/11/25 11:48:00 A**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/5/25 06:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.78	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	1.6	Not Detected	6.8	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Styrene	0.78	Not Detected	3.3	Not Detected
Bromoform	0.78	Not Detected	8.1	Not Detected
Cumene	0.78	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.4	Not Detected
Propylbenzene	0.78	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	33	Not Detected
Naphthalene	1.6	Not Detected	8.2	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: 822-LFGP-7

Lab ID#: 2511541A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120513**	**Date of Collection:**	**11/11/25 12:05:00 P**
Dil. Factor:	**1.44**	**Date of Analysis:**	**12/5/25 06:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.72	Not Detected	3.6	Not Detected
Freon 114	0.72	Not Detected	5.0	Not Detected
Chloromethane	7.2	Not Detected	15	Not Detected
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
1,3-Butadiene	0.72	Not Detected	1.6	Not Detected
Bromomethane	7.2	Not Detected	28	Not Detected
Chloroethane	2.9	Not Detected	7.6	Not Detected
Freon 11	0.72	Not Detected	4.0	Not Detected
Ethanol	7.2	14	14	26
Freon 113	0.72	Not Detected	5.5	Not Detected
1,1-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Acetone	7.2	Not Detected	17	Not Detected
2-Propanol	2.9	Not Detected	7.1	Not Detected
Carbon Disulfide	2.9	11	9.0	35
3-Chloropropene	2.9	Not Detected	9.0	Not Detected
Methylene Chloride	7.2	Not Detected	25	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Hexane	0.72	Not Detected	2.5	Not Detected
1,1-Dichloroethane	0.72	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.5	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.72	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Cyclohexane	0.72	1.7	2.5	5.9
Carbon Tetrachloride	0.72	Not Detected	4.5	Not Detected
2,2,4-Trimethylpentane	0.72	Not Detected	3.4	Not Detected
Benzene	0.72	0.96	2.3	3.1
1,2-Dichloroethane	0.72	Not Detected	2.9	Not Detected
Heptane	0.72	Not Detected	3.0	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2-Dichloropropane	0.72	Not Detected	3.3	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.72	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
4-Methyl-2-pentanone	0.72	Not Detected	2.9	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	0.72	Not Detected	3.3	Not Detected
1,1,2-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
2-Hexanone	2.9	Not Detected	12	Not Detected

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Client Sample ID: 822-LFGP-7

Lab ID#: 2511541A-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120513**	**Date of Collection:**	**11/11/25 12:05:00 P**
Dil. Factor:	**1.44**	**Date of Analysis:**	**12/5/25 06:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.72	Not Detected	6.1	Not Detected
1,2-Dibromoethane (EDB)	0.72	Not Detected	5.5	Not Detected
Chlorobenzene	0.72	Not Detected	3.3	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Styrene	0.72	Not Detected	3.1	Not Detected
Bromoform	0.72	Not Detected	7.4	Not Detected
Cumene	0.72	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.72	Not Detected	4.9	Not Detected
Propylbenzene	0.72	Not Detected	3.5	Not Detected
4-Ethyltoluene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,4-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
alpha-Chlorotoluene	0.72	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	21	Not Detected
Hexachlorobutadiene	2.9	Not Detected	31	Not Detected
Naphthalene	1.4	Not Detected	7.5	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: 822-LFGP-10

Lab ID#: 2511541A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120514**	**Date of Collection:**	**11/11/25 1:24:00 PM**
Dil. Factor:	**1.39**	**Date of Analysis:**	**12/5/25 07:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.70	Not Detected	3.4	Not Detected
Freon 114	0.70	Not Detected	4.8	Not Detected
Chloromethane	7.0	Not Detected	14	Not Detected
Vinyl Chloride	0.70	Not Detected	1.8	Not Detected
1,3-Butadiene	0.70	Not Detected	1.5	Not Detected
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	2.8	Not Detected	7.3	Not Detected
Freon 11	0.70	Not Detected	3.9	Not Detected
Ethanol	7.0	Not Detected	13	Not Detected
Freon 113	0.70	Not Detected	5.3	Not Detected
1,1-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	7.0	Not Detected	16	Not Detected
2-Propanol	2.8	6.3	6.8	16
Carbon Disulfide	2.8	Not Detected	8.6	Not Detected
3-Chloropropene	2.8	Not Detected	8.7	Not Detected
Methylene Chloride	7.0	Not Detected	24	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Hexane	0.70	Not Detected	2.4	Not Detected
1,1-Dichloroethane	0.70	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	Not Detected	8.2	Not Detected
cis-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.70	Not Detected	2.0	Not Detected
Chloroform	0.70	Not Detected	3.4	Not Detected
1,1,1-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Cyclohexane	0.70	Not Detected	2.4	Not Detected
Carbon Tetrachloride	0.70	Not Detected	4.4	Not Detected
2,2,4-Trimethylpentane	0.70	Not Detected	3.2	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Heptane	0.70	Not Detected	2.8	Not Detected
Trichloroethene	0.70	Not Detected	3.7	Not Detected
1,2-Dichloropropane	0.70	Not Detected	3.2	Not Detected
1,4-Dioxane	2.8	Not Detected	10	Not Detected
Bromodichloromethane	0.70	Not Detected	4.6	Not Detected
cis-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.70	Not Detected	2.8	Not Detected
Toluene	1.4	Not Detected	5.2	Not Detected
trans-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Tetrachloroethene	0.70	0.73	4.7	5.0
2-Hexanone	2.8	Not Detected	11	Not Detected

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Client Sample ID: 822-LFGP-10

Lab ID#: 2511541A-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120514**	**Date of Collection:**	**11/11/25 1:24:00 PM**
Dil. Factor:	**1.39**	**Date of Analysis:**	**12/5/25 07:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.70	Not Detected	5.9	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Chlorobenzene	0.70	Not Detected	3.2	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	0.70	Not Detected	3.0	Not Detected
Styrene	0.70	Not Detected	3.0	Not Detected
Bromoform	0.70	Not Detected	7.2	Not Detected
Cumene	0.70	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.70	Not Detected	4.8	Not Detected
Propylbenzene	0.70	Not Detected	3.4	Not Detected
4-Ethyltoluene	0.70	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
alpha-Chlorotoluene	0.70	Not Detected	3.6	Not Detected
1,2-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected
Hexachlorobutadiene	2.8	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.3	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2511541A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	5.0	Not Detected	9.4	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 2511541A-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Naphthalene	1.0	Not Detected	5.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2511541A-12B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 12:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	5.0	Not Detected	9.4	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 2511541A-12B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 12:55 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
Naphthalene	1.0	Not Detected	5.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV

Lab ID#: 2511541A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120403**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:14 AM**

Compound	%Recovery
Freon 12	113
Freon 114	102
Chloromethane	116
Vinyl Chloride	111
1,3-Butadiene	115
Bromomethane	106
Chloroethane	114
Freon 11	110
Ethanol	103
Freon 113	105
1,1-Dichloroethene	110
Acetone	118
2-Propanol	105
Carbon Disulfide	105
3-Chloropropene	110
Methylene Chloride	112
Methyl tert-butyl ether	113
trans-1,2-Dichloroethene	111
Hexane	119
1,1-Dichloroethane	108
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	116
Tetrahydrofuran	119
Chloroform	115
1,1,1-Trichloroethane	115
Cyclohexane	121
Carbon Tetrachloride	114
2,2,4-Trimethylpentane	124
Benzene	101
1,2-Dichloroethane	98
Heptane	101
Trichloroethene	108
1,2-Dichloropropane	106
1,4-Dioxane	97
Bromodichloromethane	96
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	104
Toluene	102
trans-1,3-Dichloropropene	97
1,1,2-Trichloroethane	106
Tetrachloroethene	93
2-Hexanone	102

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Client Sample ID: CCV

Lab ID#: 2511541A-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:14 AM**	

Compound	%Recovery
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	110
Chlorobenzene	106
Ethyl Benzene	113
m,p-Xylene	114
o-Xylene	119
Styrene	123
Bromoform	102
Cumene	119
1,1,2,2-Tetrachloroethane	100
Propylbenzene	107
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	98
1,2,4-Trichlorobenzene	115
Hexachlorobutadiene	97
Naphthalene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: CCV

Lab ID#: 2511541A-13B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120503**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 11:21 AM**

Compound	%Recovery
Freon 12	112
Freon 114	104
Chloromethane	121
Vinyl Chloride	111
1,3-Butadiene	117
Bromomethane	107
Chloroethane	113
Freon 11	111
Ethanol	103
Freon 113	107
1,1-Dichloroethene	111
Acetone	118
2-Propanol	100
Carbon Disulfide	106
3-Chloropropene	112
Methylene Chloride	113
Methyl tert-butyl ether	112
trans-1,2-Dichloroethene	111
Hexane	117
1,1-Dichloroethane	106
2-Butanone (Methyl Ethyl Ketone)	113
cis-1,2-Dichloroethene	116
Tetrahydrofuran	119
Chloroform	115
1,1,1-Trichloroethane	115
Cyclohexane	122
Carbon Tetrachloride	114
2,2,4-Trimethylpentane	121
Benzene	105
1,2-Dichloroethane	100
Heptane	105
Trichloroethene	112
1,2-Dichloropropane	106
1,4-Dioxane	102
Bromodichloromethane	105
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	104
Toluene	107
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	114
Tetrachloroethene	100
2-Hexanone	105

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Client Sample ID: CCV

Lab ID#: 2511541A-13B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 11:21 AM**	

Compound	%Recovery
Dibromochloromethane	107
1,2-Dibromoethane (EDB)	118
Chlorobenzene	112
Ethyl Benzene	119
m,p-Xylene	122
o-Xylene	124
Styrene	130
Bromoform	108
Cumene	128
1,1,2,2-Tetrachloroethane	108
Propylbenzene	116
4-Ethyltoluene	119
1,3,5-Trimethylbenzene	118
1,2,4-Trimethylbenzene	122
1,3-Dichlorobenzene	109
1,4-Dichlorobenzene	107
alpha-Chlorotoluene	117
1,2-Dichlorobenzene	105
1,2,4-Trichlorobenzene	122
Hexachlorobutadiene	105
Naphthalene	108

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: LCS

Lab ID#: 2511541A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:45 AM**	

Compound	%Recovery	Method Limits
Freon 12	109	70-130
Freon 114	101	70-130
Chloromethane	113	70-130
Vinyl Chloride	108	70-130
1,3-Butadiene	113	70-130
Bromomethane	106	70-130
Chloroethane	110	70-130
Freon 11	107	70-130
Ethanol	87	70-130
Freon 113	101	70-130
1,1-Dichloroethene	109	70-130
Acetone	114	70-130
2-Propanol	106	70-130
Carbon Disulfide	94	70-130
3-Chloropropene	106	70-130
Methylene Chloride	96	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	101	70-130
Hexane	103	70-130
1,1-Dichloroethane	106	70-130
2-Butanone (Methyl Ethyl Ketone)	104	70-130
cis-1,2-Dichloroethene	111	70-130
Tetrahydrofuran	102	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	115	70-130
Cyclohexane	106	70-130
Carbon Tetrachloride	113	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	88	70-130
1,2-Dichloroethane	83	70-130
Heptane	88	70-130
Trichloroethene	92	70-130
1,2-Dichloropropane	93	70-130
1,4-Dioxane	88	70-130
Bromodichloromethane	101	70-130
cis-1,3-Dichloropropene	98	70-130
4-Methyl-2-pentanone	92	70-130
Toluene	90	70-130
trans-1,3-Dichloropropene	102	70-130
1,1,2-Trichloroethane	109	70-130
Tetrachloroethene	85	70-130
2-Hexanone	93	70-130

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Client Sample ID: LCS

Lab ID#: 2511541A-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 11:45 AM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	104	70-130
1,2-Dibromoethane (EDB)	115	70-130
Chlorobenzene	96	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	104	70-130
o-Xylene	109	70-130
Styrene	126	70-130
Bromoform	107	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	108	70-130
Propylbenzene	112	70-130
4-Ethyltoluene	115	70-130
1,3,5-Trimethylbenzene	112	70-130
1,2,4-Trimethylbenzene	115	70-130
1,3-Dichlorobenzene	102	70-130
1,4-Dichlorobenzene	102	70-130
alpha-Chlorotoluene	115	70-130
1,2-Dichlorobenzene	102	70-130
1,2,4-Trichlorobenzene	102	70-130
Hexachlorobutadiene	86	70-130
Naphthalene	100	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 2511541A-14AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:16 PM**	

Compound	%Recovery	Method Limits
Freon 12	110	70-130
Freon 114	102	70-130
Chloromethane	113	70-130
Vinyl Chloride	108	70-130
1,3-Butadiene	114	70-130
Bromomethane	108	70-130
Chloroethane	111	70-130
Freon 11	109	70-130
Ethanol	90	70-130
Freon 113	103	70-130
1,1-Dichloroethene	110	70-130
Acetone	117	70-130
2-Propanol	107	70-130
Carbon Disulfide	95	70-130
3-Chloropropene	109	70-130
Methylene Chloride	97	70-130
Methyl tert-butyl ether	101	70-130
trans-1,2-Dichloroethene	103	70-130
Hexane	104	70-130
1,1-Dichloroethane	106	70-130
2-Butanone (Methyl Ethyl Ketone)	105	70-130
cis-1,2-Dichloroethene	113	70-130
Tetrahydrofuran	106	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	117	70-130
Cyclohexane	109	70-130
Carbon Tetrachloride	114	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	91	70-130
1,2-Dichloroethane	85	70-130
Heptane	91	70-130
Trichloroethene	95	70-130
1,2-Dichloropropane	93	70-130
1,4-Dioxane	89	70-130
Bromodichloromethane	104	70-130
cis-1,3-Dichloropropene	101	70-130
4-Methyl-2-pentanone	93	70-130
Toluene	92	70-130
trans-1,3-Dichloropropene	105	70-130
1,1,2-Trichloroethane	114	70-130
Tetrachloroethene	86	70-130
2-Hexanone	97	70-130

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Client Sample ID: LCSD

Lab ID#: 2511541A-14AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 12:16 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	108	70-130
1,2-Dibromoethane (EDB)	119	70-130
Chlorobenzene	98	70-130
Ethyl Benzene	104	70-130
m,p-Xylene	106	70-130
o-Xylene	106	70-130
Styrene	124	70-130
Bromoform	109	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	112	70-130
Propylbenzene	116	70-130
4-Ethyltoluene	119	70-130
1,3,5-Trimethylbenzene	116	70-130
1,2,4-Trimethylbenzene	118	70-130
1,3-Dichlorobenzene	105	70-130
1,4-Dichlorobenzene	104	70-130
alpha-Chlorotoluene	122	70-130
1,2-Dichlorobenzene	104	70-130
1,2,4-Trichlorobenzene	107	70-130
Hexachlorobutadiene	90	70-130
Naphthalene	106	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCS

Lab ID#: 2511541A-14B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 11:52 AM**	

Compound	%Recovery	Method Limits
Freon 12	113	70-130
Freon 114	104	70-130
Chloromethane	116	70-130
Vinyl Chloride	108	70-130
1,3-Butadiene	113	70-130
Bromomethane	109	70-130
Chloroethane	110	70-130
Freon 11	108	70-130
Ethanol	88	70-130
Freon 113	104	70-130
1,1-Dichloroethene	110	70-130
Acetone	115	70-130
2-Propanol	109	70-130
Carbon Disulfide	97	70-130
3-Chloropropene	109	70-130
Methylene Chloride	97	70-130
Methyl tert-butyl ether	99	70-130
trans-1,2-Dichloroethene	103	70-130
Hexane	102	70-130
1,1-Dichloroethane	105	70-130
2-Butanone (Methyl Ethyl Ketone)	105	70-130
cis-1,2-Dichloroethene	111	70-130
Tetrahydrofuran	103	70-130
Chloroform	101	70-130
1,1,1-Trichloroethane	116	70-130
Cyclohexane	110	70-130
Carbon Tetrachloride	113	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	93	70-130
1,2-Dichloroethane	86	70-130
Heptane	94	70-130
Trichloroethene	97	70-130
1,2-Dichloropropane	94	70-130
1,4-Dioxane	93	70-130
Bromodichloromethane	104	70-130
cis-1,3-Dichloropropene	105	70-130
4-Methyl-2-pentanone	94	70-130
Toluene	95	70-130
trans-1,3-Dichloropropene	104	70-130
1,1,2-Trichloroethane	113	70-130
Tetrachloroethene	86	70-130
2-Hexanone	94	70-130

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Client Sample ID: LCS

Lab ID#: 2511541A-14B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 11:52 AM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	106	70-130
1,2-Dibromoethane (EDB)	117	70-130
Chlorobenzene	97	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	105	70-130
o-Xylene	110	70-130
Styrene	128	70-130
Bromoform	110	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	109	70-130
Propylbenzene	116	70-130
4-Ethyltoluene	118	70-130
1,3,5-Trimethylbenzene	117	70-130
1,2,4-Trimethylbenzene	119	70-130
1,3-Dichlorobenzene	106	70-130
1,4-Dichlorobenzene	104	70-130
alpha-Chlorotoluene	117	70-130
1,2-Dichlorobenzene	104	70-130
1,2,4-Trichlorobenzene	104	70-130
Hexachlorobutadiene	88	70-130
Naphthalene	102	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCSD

Lab ID#: 2511541A-14BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 12:24 PM**	

Compound	%Recovery	Method Limits
Freon 12	112	70-130
Freon 114	102	70-130
Chloromethane	114	70-130
Vinyl Chloride	106	70-130
1,3-Butadiene	111	70-130
Bromomethane	107	70-130
Chloroethane	107	70-130
Freon 11	106	70-130
Ethanol	90	70-130
Freon 113	102	70-130
1,1-Dichloroethene	109	70-130
Acetone	114	70-130
2-Propanol	106	70-130
Carbon Disulfide	96	70-130
3-Chloropropene	107	70-130
Methylene Chloride	96	70-130
Methyl tert-butyl ether	100	70-130
trans-1,2-Dichloroethene	102	70-130
Hexane	101	70-130
1,1-Dichloroethane	102	70-130
2-Butanone (Methyl Ethyl Ketone)	104	70-130
cis-1,2-Dichloroethene	111	70-130
Tetrahydrofuran	103	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	114	70-130
Cyclohexane	108	70-130
Carbon Tetrachloride	111	70-130
2,2,4-Trimethylpentane	105	70-130
Benzene	94	70-130
1,2-Dichloroethane	86	70-130
Heptane	94	70-130
Trichloroethene	97	70-130
1,2-Dichloropropane	92	70-130
1,4-Dioxane	94	70-130
Bromodichloromethane	105	70-130
cis-1,3-Dichloropropene	105	70-130
4-Methyl-2-pentanone	94	70-130
Toluene	95	70-130
trans-1,3-Dichloropropene	107	70-130
1,1,2-Trichloroethane	112	70-130
Tetrachloroethene	85	70-130
2-Hexanone	92	70-130

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Client Sample ID: LCSD

Lab ID#: 2511541A-14BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**60120505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/5/25 12:24 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	106	70-130
1,2-Dibromoethane (EDB)	116	70-130
Chlorobenzene	96	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	104	70-130
o-Xylene	106	70-130
Styrene	124	70-130
Bromoform	107	70-130
Cumene	108	70-130
1,1,2,2-Tetrachloroethane	111	70-130
Propylbenzene	116	70-130
4-Ethyltoluene	117	70-130
1,3,5-Trimethylbenzene	116	70-130
1,2,4-Trimethylbenzene	119	70-130
1,3-Dichlorobenzene	105	70-130
1,4-Dichlorobenzene	102	70-130
alpha-Chlorotoluene	118	70-130
1,2-Dichlorobenzene	103	70-130
1,2,4-Trichlorobenzene	104	70-130
Hexachlorobutadiene	88	70-130
Naphthalene	104	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	105	70-130

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012543596
LIMS Reference ID: AD43596
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City Of Durham Parks - 23050630 - Lyon (822) Phase C
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 15:03

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 822-LFGP-9		**Lims Reference ID:**		**AD43596-01**	**Matrix: Tubes**				**Sampled: 11/11/25 13:13:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:23	SD	NIOSH 6009
Sample: 822-LFGP-10		**Lims Reference ID:**		**AD43596-02**	**Matrix: Tubes**				**Sampled: 11/11/25 13:39:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:25	SD	NIOSH 6009
Sample: 822-LFGP-8		**Lims Reference ID:**		**AD43596-03**	**Matrix: Tubes**				**Sampled: 11/11/25 13:12:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:28	SD	NIOSH 6009
Sample: 822-LFGP-7		**Lims Reference ID:**		**AD43596-04**	**Matrix: Tubes**				**Sampled: 11/11/25 13:10:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:30	SD	NIOSH 6009
Sample: 822-LFGP-6		**Lims Reference ID:**		**AD43596-05**	**Matrix: Tubes**				**Sampled: 11/11/25 13:08:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:33	SD	NIOSH 6009
Sample: 822-LFGP-1		**Lims Reference ID:**		**AD43596-06**	**Matrix: Tubes**				**Sampled: 11/11/25 13:43:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:36	SD	NIOSH 6009
Sample: 822-LFGP-DUP-01		**Lims Reference ID:**		**AD43596-07**	**Matrix: Tubes**				**Sampled: 11/11/25 13:43:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:38	SD	NIOSH 6009
Sample: 822-LFGP-5		**Lims Reference ID:**		**AD43596-08**	**Matrix: Tubes**				**Sampled: 11/12/25 10:50:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:41	SD	NIOSH 6009
Sample: 822-LFGP-4		**Lims Reference ID:**		**AD43596-09**	**Matrix: Tubes**				**Sampled: 11/12/25 10:22:00**
Metals									

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EMSL-CIN-01

EMSL Order ID: 012543596
LIMS Reference ID: AD43596
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City Of Durham Parks - 23050630 - Lyon (822) Phase C
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 15:03

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 822-LFGP-4 (Continued)		**Lims Reference ID:**		**AD43596-09**	**Matrix: Tubes**				**Sampled: 11/12/25 10:22:00**
Metals (Continued)									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:43	SD	NIOSH 6009
Sample: 822-LFGP-3		**Lims Reference ID:**		**AD43596-10**	**Matrix: Tubes**				**Sampled: 11/12/25 10:48:00**
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:46	SD	NIOSH 6009
Sample: 822-LFGP-2		**Lims Reference ID:**		**AD43596-11**	**Matrix: Tubes**				**Sampled: 11/12/25 10:41:00**
Metals									
Mercury	ND		1	0.77	µg/m³	12/05/25 10:59	12/05/25 14:57	SD	NIOSH 6009

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EMSL-CIN-01

EMSL Order ID: 012543596
LIMS Reference ID: AD43596
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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Project Name: City Of Durham Parks - 23050630 - Lyon (822) Phase C
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 15:03

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	A2LA,AIHA LAP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	2845.25	11/30/2025
NYSDOH	New York State Department of Health ELAP	10872	04/01/2026
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2026
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2026
CTDPH	Connecticut Department of Public Health	PH-0270	06/30/2026
California ELAP	California Water Boards	1877	06/30/2026
AIHA LAP	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026
21-A2LA	A2LA Food Chem/Mat Sci	2845.15	07/31/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

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EMSL Order ID: 012543596
LIMS Reference ID: AD43596
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Raleigh, NC 27616
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Project Name: City Of Durham Parks - 23050630 - Lyon (822) Phase C
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 15:03

Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AD43596

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: c@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information

Customer ID:	
Company Name:	S&ME
Contact Name:	Gerald Paul
Street Address:	3201 Spring Forest Rd
City, State, Zip:	Raleigh, NC 27616
Country:	US
Phone:	919-801-5359 / 919-872-2660
Email(s) for Report:	jpaul@smeinc.com / lhester@smeinc.com

Billing Information

Billing ID:	
Company Name:	
Billing Contact:	SAME
Street Address:	
City, State, Zip:	
Country:	
Phone:	
Email(s) for Invoice:	

Project Name/No: City of Durham Parks - 23050630 - Lyon (822) Phase C

Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)

US State where samples collected: NC

State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Media Type: Air

Media Manufacturer/ Part Number:

Media Lot Number:

Sampled By Name: Logan Hester

Sampled By Signature:

No. Samples in Shipment: 11

Turnaround Time (TAT) Options - Please check:
(If no selection made, Standard 2 Week (EOD) TAT will apply)

☑ 2 Week ☐ 1 Week ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other (Call Lab)

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
822-LFGP-9		NIOSH 6009 - mercury	Sorbent Tube		1313	1413		☐ Area ☐ Personal	11-11-25	
822-LFGP-10					1339	1439		☐ Area ☐ Personal		
822-LFGP-8					1312	1412		☐ Area ☐ Personal		
822-LFGP-7					1310	1410		☐ Area ☐ Personal		
822-LFGP-6					1308	1409		☐ Area ☐ Personal		
822-LFGP-1					1343	1443		☐ Area ☐ Personal		
822-LFGP-DUP-01					1343	1443		☐ Area ☐ Personal		
								☐ Area ☐ Personal		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

NIOSH 6009 mercury - sorbent tube sampling

Method of Shipment: FedEx

Sample Condition Upon Receipt:

Relinquished by: [signature] Date/Time: Received by: [signature] Date/Time: 11/25/25 12pm

Relinquished by: Date/Time: Received by: Date/Time

Controlled Document - COC-21 Industrial Hygiene R4 05/12/2021

☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

22.5

EMSL ANALYTICAL, INC.
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Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AD43596

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: c@emsl.com

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

822 - Lyon

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
822-LFGR-5		NIOSH 6009 - mercury	Sorbent Tube		1050	1150		☐ Area ☐ Personal	11-12-25	
822-LFGR-4		"	"		1022	1122		☐ Area ☐ Personal	"	
822-LFGR-3		"	"		1048	1148		☐ Area ☐ Personal	"	
822-LFGR-2		"	"		1041	1146		☐ Area ☐ Personal	"	
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
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								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

Method of Shipment: FedEx		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-21 Industrial Hygiene R4 05/12/2021

☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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Analytical Report

12/4/2025
Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road

Raleigh NC 27616

Project Name: Durham Parks - Lyon 822
Project #: 65000581
Workorder #: 2511541B

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/19/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Brian Whittaker

Project Manager

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WORK ORDER #: 2511541B

Work Order Summary

CLIENT:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616	**BILL TO:**	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616
PHONE:	919-872-2660	**P.O. #**	
FAX:	919-790-8909	**PROJECT #**	65000581 Durham Parks - Lyon 822
DATE RECEIVED:	11/19/2025	**CONTACT:**	Brian Whittaker
DATE COMPLETED:	12/04/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	822-LFGP-5	Modified ASTM D-1946	5.9 "Hg	1.8 psi
02A	822-LFGP-4	Modified ASTM D-1946	6.7 "Hg	2.1 psi
03A	822-LFGP-3	Modified ASTM D-1946	7.8 "Hg	1.8 psi
04A	822-LFGP-2	Modified ASTM D-1946	9.2 "Hg	1.7 psi
05A	822-LFGP-1	Modified ASTM D-1946	6.7 "Hg	2 psi
06A	822-LFGP-DUP-01	Modified ASTM D-1946	5.9 "Hg	2.1 psi
07A	822-LFGP-6	Modified ASTM D-1946	8 "Hg	1.9 psi
08A	822-LFGP-9	Modified ASTM D-1946	6.9 "Hg	1.8 psi
09A	822-LFGP-8	Modified ASTM D-1946	8.2 "Hg	2 psi
10A	822-LFGP-7	Modified ASTM D-1946	6.7 "Hg	1.8 psi
11A	822-LFGP-10	Modified ASTM D-1946	5.7 "Hg	1.9 psi
12A	Lab Blank	Modified ASTM D-1946	NA	NA
13A	CCV	Modified ASTM D-1946	NA	NA
14A	LCS	Modified ASTM D-1946	NA	NA
14AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 12/04/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

LABORATORY NARRATIVE
Modified ASTM D-1946
S & ME, Inc.
Workorder# 2511541B

Eleven 6 Liter Summa Canister samples were received on November 19, 2025. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane in air using GC/FID. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A minimum of 5-point calibration curve is performed. Quantitation is based on average Response Factor.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

The Chain of Custody (COC) information for sample 822-LFGP-2 did not match the information on the canister with regard to canister barcode. The sample labeled 6LD444 on the COC is labeled as D444 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

The Chain of Custody (COC) information for sample 822-LFGP-8 did not match the entry on the sample tag with regard to sample identification. The information on the COC was used to process and report the sample.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 822-LFGP-5

Lab ID#: 2511541B-01A

No Detections Were Found.

Client Sample ID: 822-LFGP-4

Lab ID#: 2511541B-02A

No Detections Were Found.

Client Sample ID: 822-LFGP-3

Lab ID#: 2511541B-03A

No Detections Were Found.

Client Sample ID: 822-LFGP-2

Lab ID#: 2511541B-04A

No Detections Were Found.

Client Sample ID: 822-LFGP-1

Lab ID#: 2511541B-05A

No Detections Were Found.

Client Sample ID: 822-LFGP-DUP-01

Lab ID#: 2511541B-06A

No Detections Were Found.

Client Sample ID: 822-LFGP-6

Lab ID#: 2511541B-07A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	0.40

Client Sample ID: 822-LFGP-9

Lab ID#: 2511541B-08A

No Detections Were Found.

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 822-LFGP-8

Lab ID#: 2511541B-09A

No Detections Were Found.

Client Sample ID: 822-LFGP-7

Lab ID#: 2511541B-10A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00014	0.15

Client Sample ID: 822-LFGP-10

Lab ID#: 2511541B-11A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00014	0.00093

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Client Sample ID: 822-LFGP-5

Lab ID#: 2511541B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120304**	**Date of Collection:**	**11/12/25 10:00:00 A**
Dil. Factor:	**1.40**	**Date of Analysis:**	**12/3/25 11:28 AM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00014	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 822-LFGP-4

Lab ID#: 2511541B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120305**	**Date of Collection: 11/12/25 10:12:00 A**	
Dil. Factor:	**1.47**	**Date of Analysis: 12/3/25 11:57 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 822-LFGP-3

Lab ID#: 2511541B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120306**	**Date of Collection:**	**11/12/25 10:24:00 A**
Dil. Factor:	**1.51**	**Date of Analysis:**	**12/3/25 12:25 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 822-LFGP-2

Lab ID#: 2511541B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120307**	**Date of Collection:**	**11/12/25 10:40:00 A**
Dil. Factor:	**1.61**	**Date of Analysis:**	**12/3/25 12:48 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	Not Detected

Container Type: 6 Liter Summa Canister

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Client Sample ID: 822-LFGP-1

Lab ID#: 2511541B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120308**	**Date of Collection: 11/11/25 1:43:00 PM**	
Dil. Factor:	**1.46**	**Date of Analysis: 12/3/25 01:15 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 822-LFGP-DUP-01

Lab ID#: 2511541B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120309**	**Date of Collection: 11/11/25 1:43:00 PM**	
Dil. Factor:	**1.42**	**Date of Analysis: 12/3/25 01:44 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00014	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 822-LFGP-6

Lab ID#: 2511541B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120310**	**Date of Collection:**	**11/11/25 12:15:00 P**
Dil. Factor:	**1.54**	**Date of Analysis:**	**12/3/25 02:07 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	0.40

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 822-LFGP-9

Lab ID#: 2511541B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120311**	**Date of Collection:**	**11/11/25 11:25:00 A**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/3/25 02:33 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00015	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 822-LFGP-8

Lab ID#: 2511541B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120312**	**Date of Collection:**	**11/11/25 11:48:00 A**
Dil. Factor:	**1.56**	**Date of Analysis:**	**12/3/25 02:58 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	Not Detected

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 822-LFGP-7

Lab ID#: 2511541B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120313**	**Date of Collection:**	**11/11/25 12:05:00 P**
Dil. Factor:	**1.45**	**Date of Analysis:**	**12/3/25 03:22 PM**

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00014	0.15

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: 822-LFGP-10

Lab ID#: 2511541B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120314**	**Date of Collection: 11/11/25 1:24:00 PM**	
Dil. Factor:	**1.40**	**Date of Analysis: 12/3/25 03:50 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00014	0.00093

Container Type: 6 Liter Summa Canister

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2511541B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/3/25 11:01 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Methane	0.00010	Not Detected

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2511541B-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120301**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 12/3/25 09:19 AM**

Compound	%Recovery
Methane	96

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2511541B-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/3/25 10:32 AM**	

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2511541B-14AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**11120326**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/4/25 07:47 AM**	

Compound	%Recovery	Method Limits
Methane	97	85-115

Container Type: NA - Not Applicable

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 12/15/2025 8:56:29 PM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-39946-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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Authorized for release by
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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-39946-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
752-39946-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/5/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.7°C, 1.2°C and 1.4°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-733581 recovered outside control limits for the following analytes: Acetone and Bromomethane. 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.

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-99859 and analytical batch 705-100197 contained Thallium above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: MW-2 — Lab Sample ID: 752-39946-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.49	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	238		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.535	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.03		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	150		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.792	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.36	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.72		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	1.72		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	29.4		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 752-39946-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	182		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.13	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	20.9		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.605	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	5.16		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	4.86		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	4.86		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	28.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 120425-Dup-1 — Lab Sample ID: 752-39946-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.48	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	189		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.82		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	66.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.686	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.52	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.90		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	1.90		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	30.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: MW-2
Date Collected: 12/04/25 09:15
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 19:55	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 19:55	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 19:55	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 19:55	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 19:55	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 19:55	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 19:55	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 19:55	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 19:55	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 19:55	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 19:55	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 19:55	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 19:55	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 19:55	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 19:55	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 19:55	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 19:55	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 19:55	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 19:55	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 19:55	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 19:55	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 19:55	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 19:55	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 19:55	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 19:55	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 19:55	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 19:55	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 19:55	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 19:55	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 19:55	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 19:55	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 19:55	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 19:55	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 19:55	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 19:55	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 19:55	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 19:55	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 19:55	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 19:55	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 19:55	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 19:55	1

Client Sample ID: MW-2
Date Collected: 12/04/25 09:15
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 19:55	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 19:55	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 19:55	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 19:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 19:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 19:55	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 19:55	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 19:55	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 19:55	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 19:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 19:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 19:55	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 19:55	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 19:55	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 19:55	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 19:55	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 19:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 19:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 19:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 19:55	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 19:55	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 19:55	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/12/25 19:55*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*12/12/25 19:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*59 - 146*		*12/12/25 19:55*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/12/25 19:55*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		12/09/25 17:38	12/11/25 16:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/09/25 17:38*	*12/11/25 16:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		12/10/25 15:29	12/11/25 22:35	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		12/10/25 15:29	12/11/25 22:35	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		12/10/25 15:29	12/11/25 22:35	1
2-Chlorophenol	ND		9.90	0.832	ug/L		12/10/25 15:29	12/11/25 22:35	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		12/10/25 15:29	12/11/25 22:35	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: MW-2
Date Collected: 12/04/25 09:15
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.90	0.752	ug/L		12/10/25 15:29	12/11/25 22:35	1
2-Nitroaniline	ND		9.90	1.36	ug/L		12/10/25 15:29	12/11/25 22:35	1
2-Nitrophenol	ND		9.90	1.16	ug/L		12/10/25 15:29	12/11/25 22:35	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		12/10/25 15:29	12/11/25 22:35	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		12/10/25 15:29	12/11/25 22:35	1
3-Nitroaniline	ND		9.90	0.941	ug/L		12/10/25 15:29	12/11/25 22:35	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		12/10/25 15:29	12/11/25 22:35	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		12/10/25 15:29	12/11/25 22:35	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		12/10/25 15:29	12/11/25 22:35	1
4-Chloroaniline	ND		9.90	0.574	ug/L		12/10/25 15:29	12/11/25 22:35	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		12/10/25 15:29	12/11/25 22:35	1
4-Nitroaniline	ND		9.90	3.47	ug/L		12/10/25 15:29	12/11/25 22:35	1
4-Nitrophenol	ND		9.90	2.71	ug/L		12/10/25 15:29	12/11/25 22:35	1
Acenaphthene	ND		9.90	0.624	ug/L		12/10/25 15:29	12/11/25 22:35	1
Acenaphthylene	ND		9.90	0.752	ug/L		12/10/25 15:29	12/11/25 22:35	1
Acetophenone	ND		9.90	3.17	ug/L		12/10/25 15:29	12/11/25 22:35	1
Anthracene	ND		9.90	0.901	ug/L		12/10/25 15:29	12/11/25 22:35	1
Atrazine	ND		9.90	1.12	ug/L		12/10/25 15:29	12/11/25 22:35	1
Benzaldehyde	ND		9.90	0.663	ug/L		12/10/25 15:29	12/11/25 22:35	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		12/10/25 15:29	12/11/25 22:35	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		12/10/25 15:29	12/11/25 22:35	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		12/10/25 15:29	12/11/25 22:35	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		12/10/25 15:29	12/11/25 22:35	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		12/10/25 15:29	12/11/25 22:35	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		12/10/25 15:29	12/11/25 22:35	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		12/10/25 15:29	12/11/25 22:35	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		12/10/25 15:29	12/11/25 22:35	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		12/10/25 15:29	12/11/25 22:35	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		12/10/25 15:29	12/11/25 22:35	1
Caprolactam	ND		9.90	2.38	ug/L		12/10/25 15:29	12/11/25 22:35	1
Carbazole	ND		9.90	0.317	ug/L		12/10/25 15:29	12/11/25 22:35	1
Chrysene	ND		9.90	1.19	ug/L		12/10/25 15:29	12/11/25 22:35	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		12/10/25 15:29	12/11/25 22:35	1
Dibenzofuran	ND		9.90	0.634	ug/L		12/10/25 15:29	12/11/25 22:35	1
Diethyl phthalate	ND		9.90	3.96	ug/L		12/10/25 15:29	12/11/25 22:35	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		12/10/25 15:29	12/11/25 22:35	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		12/10/25 15:29	12/11/25 22:35	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		12/10/25 15:29	12/11/25 22:35	1
Fluoranthene	ND		9.90	0.624	ug/L		12/10/25 15:29	12/11/25 22:35	1
Fluorene	ND		9.90	0.663	ug/L		12/10/25 15:29	12/11/25 22:35	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		12/10/25 15:29	12/11/25 22:35	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		12/10/25 15:29	12/11/25 22:35	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		12/10/25 15:29	12/11/25 22:35	1
Hexachloroethane	ND		9.90	0.525	ug/L		12/10/25 15:29	12/11/25 22:35	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		12/10/25 15:29	12/11/25 22:35	1
Isophorone	ND		9.90	0.792	ug/L		12/10/25 15:29	12/11/25 22:35	1
Naphthalene	ND		9.90	0.743	ug/L		12/10/25 15:29	12/11/25 22:35	1
Nitrobenzene	ND		9.90	0.594	ug/L		12/10/25 15:29	12/11/25 22:35	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		12/10/25 15:29	12/11/25 22:35	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: MW-2

Date Collected: 12/04/25 09:15
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		12/10/25 15:29	12/11/25 22:35	1
Pentachlorophenol	ND		9.90	2.77	ug/L		12/10/25 15:29	12/11/25 22:35	1
Phenanthrene	ND		9.90	0.733	ug/L		12/10/25 15:29	12/11/25 22:35	1
Phenol	ND		9.90	0.673	ug/L		12/10/25 15:29	12/11/25 22:35	1
Pyrene	ND		9.90	0.624	ug/L		12/10/25 15:29	12/11/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*12/10/25 15:29*	*12/11/25 22:35*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*12/10/25 15:29*	*12/11/25 22:35*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 150*	*12/10/25 15:29*	*12/11/25 22:35*	*1*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*	*12/10/25 15:29*	*12/11/25 22:35*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*12/10/25 15:29*	*12/11/25 22:35*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*12/10/25 15:29*	*12/11/25 22:35*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:54	1
Arsenic	**1.49**	**J**	5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:54	1
Barium	**238**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:54	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:54	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:54	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:54	1
Cobalt	**0.535**	**J**	5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:54	1
Copper	**3.03**		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:54	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:54	1
Manganese	**150**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:54	1
Nickel	**0.792**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:54	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:54	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:54	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:54	1
Vanadium	**3.36**	**J**	5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:54	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 00:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 12:55	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:48	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.72**		0.500	0.0500	mg/L			12/11/25 15:42	5
Nitrate as N (SM Nitrate by calc)	**1.72**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**29.4**		5.00	1.40	mg/L			12/08/25 16:25	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: MW-3
Date Collected: 12/04/25 09:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 20:21	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 20:21	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 20:21	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 20:21	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 20:21	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 20:21	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 20:21	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 20:21	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 20:21	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 20:21	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 20:21	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 20:21	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 20:21	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 20:21	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 20:21	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 20:21	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 20:21	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 20:21	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 20:21	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 20:21	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 20:21	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 20:21	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 20:21	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 20:21	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 20:21	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 20:21	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 20:21	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 20:21	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 20:21	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 20:21	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 20:21	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 20:21	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 20:21	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 20:21	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 20:21	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 20:21	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 20:21	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 20:21	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 20:21	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 20:21	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 20:21	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 20:21	1

Client Sample ID: MW-3
Date Collected: 12/04/25 09:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 20:21	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 20:21	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 20:21	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 20:21	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 20:21	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 20:21	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 20:21	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 20:21	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 20:21	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 20:21	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 20:21	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 20:21	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 20:21	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 20:21	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 20:21	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 20:21	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 20:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 20:21	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 20:21	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 20:21	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 20:21	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 20:21	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*12/12/25 20:21*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*12/12/25 20:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*59 - 146*		*12/12/25 20:21*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*12/12/25 20:21*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.290	0.290	ug/L		12/09/25 17:38	12/11/25 16:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/09/25 17:38*	*12/11/25 16:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		12/10/25 15:29	12/11/25 23:05	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		12/10/25 15:29	12/11/25 23:05	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		12/10/25 15:29	12/11/25 23:05	1
2-Chlorophenol	ND		9.93	0.834	ug/L		12/10/25 15:29	12/11/25 23:05	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		12/10/25 15:29	12/11/25 23:05	1

Client: S&ME Inc
Job ID: 752-39946-1
Project/Site: Lyon Park

Client Sample ID: MW-3
Lab Sample ID: 752-39946-2
Date Collected: 12/04/25 09:05
Matrix: Water
Date Received: 12/05/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.93	0.755	ug/L		12/10/25 15:29	12/11/25 23:05	1
2-Nitroaniline	ND		9.93	1.36	ug/L		12/10/25 15:29	12/11/25 23:05	1
2-Nitrophenol	ND		9.93	1.16	ug/L		12/10/25 15:29	12/11/25 23:05	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		12/10/25 15:29	12/11/25 23:05	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		12/10/25 15:29	12/11/25 23:05	1
3-Nitroaniline	ND		9.93	0.944	ug/L		12/10/25 15:29	12/11/25 23:05	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		12/10/25 15:29	12/11/25 23:05	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		12/10/25 15:29	12/11/25 23:05	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		12/10/25 15:29	12/11/25 23:05	1
4-Chloroaniline	ND		9.93	0.576	ug/L		12/10/25 15:29	12/11/25 23:05	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		12/10/25 15:29	12/11/25 23:05	1
4-Nitroaniline	ND		9.93	3.48	ug/L		12/10/25 15:29	12/11/25 23:05	1
4-Nitrophenol	ND		9.93	2.72	ug/L		12/10/25 15:29	12/11/25 23:05	1
Acenaphthene	ND		9.93	0.626	ug/L		12/10/25 15:29	12/11/25 23:05	1
Acenaphthylene	ND		9.93	0.755	ug/L		12/10/25 15:29	12/11/25 23:05	1
Acetophenone	ND		9.93	3.18	ug/L		12/10/25 15:29	12/11/25 23:05	1
Anthracene	ND		9.93	0.904	ug/L		12/10/25 15:29	12/11/25 23:05	1
Atrazine	ND		9.93	1.12	ug/L		12/10/25 15:29	12/11/25 23:05	1
Benzaldehyde	ND		9.93	0.666	ug/L		12/10/25 15:29	12/11/25 23:05	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		12/10/25 15:29	12/11/25 23:05	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		12/10/25 15:29	12/11/25 23:05	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		12/10/25 15:29	12/11/25 23:05	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		12/10/25 15:29	12/11/25 23:05	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		12/10/25 15:29	12/11/25 23:05	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		12/10/25 15:29	12/11/25 23:05	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		12/10/25 15:29	12/11/25 23:05	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		12/10/25 15:29	12/11/25 23:05	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 23:05	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 23:05	1
Caprolactam	ND		9.93	2.38	ug/L		12/10/25 15:29	12/11/25 23:05	1
Carbazole	ND		9.93	0.318	ug/L		12/10/25 15:29	12/11/25 23:05	1
Chrysene	ND		9.93	1.19	ug/L		12/10/25 15:29	12/11/25 23:05	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		12/10/25 15:29	12/11/25 23:05	1
Dibenzofuran	ND		9.93	0.636	ug/L		12/10/25 15:29	12/11/25 23:05	1
Diethyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 23:05	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 23:05	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		12/10/25 15:29	12/11/25 23:05	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		12/10/25 15:29	12/11/25 23:05	1
Fluoranthene	ND		9.93	0.626	ug/L		12/10/25 15:29	12/11/25 23:05	1
Fluorene	ND		9.93	0.666	ug/L		12/10/25 15:29	12/11/25 23:05	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		12/10/25 15:29	12/11/25 23:05	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		12/10/25 15:29	12/11/25 23:05	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		12/10/25 15:29	12/11/25 23:05	1
Hexachloroethane	ND		9.93	0.526	ug/L		12/10/25 15:29	12/11/25 23:05	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		12/10/25 15:29	12/11/25 23:05	1
Isophorone	ND		9.93	0.795	ug/L		12/10/25 15:29	12/11/25 23:05	1
Naphthalene	ND		9.93	0.745	ug/L		12/10/25 15:29	12/11/25 23:05	1
Nitrobenzene	ND		9.93	0.596	ug/L		12/10/25 15:29	12/11/25 23:05	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		12/10/25 15:29	12/11/25 23:05	1

Client Sample ID: MW-3
Date Collected: 12/04/25 09:05
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		12/10/25 15:29	12/11/25 23:05	1
Pentachlorophenol	ND		9.93	2.78	ug/L		12/10/25 15:29	12/11/25 23:05	1
Phenanthrene	ND		9.93	0.735	ug/L		12/10/25 15:29	12/11/25 23:05	1
Phenol	ND		9.93	0.675	ug/L		12/10/25 15:29	12/11/25 23:05	1
Pyrene	ND		9.93	0.626	ug/L		12/10/25 15:29	12/11/25 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 150*	*12/10/25 15:29*	*12/11/25 23:05*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*12/10/25 15:29*	*12/11/25 23:05*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 150*	*12/10/25 15:29*	*12/11/25 23:05*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*12/10/25 15:29*	*12/11/25 23:05*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*12/10/25 15:29*	*12/11/25 23:05*	*1*
Terphenyl-d14 (Surr)	*62*		*28 - 150*	*12/10/25 15:29*	*12/11/25 23:05*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:57	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:57	1
Barium	**182**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:57	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:57	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:57	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:57	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:57	1
Copper	**1.13**	**J**	2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:57	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:57	1
Manganese	**20.9**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:57	1
Nickel	**0.605**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:57	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:57	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:57	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:57	1
Vanadium	**5.16**		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:57	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 00:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 13:32	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:49	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**4.86**		0.500	0.0500	mg/L			12/11/25 15:43	5
Nitrate as N (SM Nitrate by calc)	**4.86**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**28.9**		5.00	1.40	mg/L			12/08/25 16:25	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: 120425-Dup-1
Date Collected: 12/04/25 00:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			12/12/25 20:48	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 20:48	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 20:48	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 20:48	1
Bromomethane	ND	*+	1.00	0.980	ug/L			12/12/25 20:48	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 20:48	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 20:48	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 20:48	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 20:48	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 20:48	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 20:48	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 20:48	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 20:48	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 20:48	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 20:48	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 20:48	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 20:48	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 20:48	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 20:48	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 20:48	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 20:48	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 20:48	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 20:48	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 20:48	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 20:48	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 20:48	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 20:48	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 20:48	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 20:48	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 20:48	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 20:48	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 20:48	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 20:48	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 20:48	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 20:48	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 20:48	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 20:48	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 20:48	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 20:48	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 20:48	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 20:48	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 20:48	1

Client Sample ID: 120425-Dup-1
Date Collected: 12/04/25 00:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 20:48	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 20:48	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 20:48	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 20:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 20:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 20:48	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 20:48	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 20:48	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 20:48	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 20:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 20:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 20:48	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 20:48	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 20:48	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 20:48	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 20:48	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 20:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 20:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 20:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 20:48	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 20:48	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 20:48	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/12/25 20:48*	*1*
Dibromofluoromethane	*112*		*79 - 130*		*12/12/25 20:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*59 - 146*		*12/12/25 20:48*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/12/25 20:48*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.276	0.276	ug/L		12/09/25 17:38	12/11/25 16:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*12/09/25 17:38*	*12/11/25 16:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		12/10/25 15:29	12/11/25 23:34	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		12/10/25 15:29	12/11/25 23:34	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		12/10/25 15:29	12/11/25 23:34	1
2-Chlorophenol	ND		10.1	0.846	ug/L		12/10/25 15:29	12/11/25 23:34	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		12/10/25 15:29	12/11/25 23:34	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: 120425-Dup-1
Date Collected: 12/04/25 00:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.765	ug/L		12/10/25 15:29	12/11/25 23:34	1
2-Nitroaniline	ND		10.1	1.38	ug/L		12/10/25 15:29	12/11/25 23:34	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/10/25 15:29	12/11/25 23:34	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		12/10/25 15:29	12/11/25 23:34	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		12/10/25 15:29	12/11/25 23:34	1
3-Nitroaniline	ND		10.1	0.956	ug/L		12/10/25 15:29	12/11/25 23:34	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		12/10/25 15:29	12/11/25 23:34	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/10/25 15:29	12/11/25 23:34	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		12/10/25 15:29	12/11/25 23:34	1
4-Chloroaniline	ND		10.1	0.584	ug/L		12/10/25 15:29	12/11/25 23:34	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/10/25 15:29	12/11/25 23:34	1
4-Nitroaniline	ND		10.1	3.52	ug/L		12/10/25 15:29	12/11/25 23:34	1
4-Nitrophenol	ND		10.1	2.76	ug/L		12/10/25 15:29	12/11/25 23:34	1
Acenaphthene	ND		10.1	0.634	ug/L		12/10/25 15:29	12/11/25 23:34	1
Acenaphthylene	ND		10.1	0.765	ug/L		12/10/25 15:29	12/11/25 23:34	1
Acetophenone	ND		10.1	3.22	ug/L		12/10/25 15:29	12/11/25 23:34	1
Anthracene	ND		10.1	0.916	ug/L		12/10/25 15:29	12/11/25 23:34	1
Atrazine	ND		10.1	1.14	ug/L		12/10/25 15:29	12/11/25 23:34	1
Benzaldehyde	ND		10.1	0.674	ug/L		12/10/25 15:29	12/11/25 23:34	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/10/25 15:29	12/11/25 23:34	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/10/25 15:29	12/11/25 23:34	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/10/25 15:29	12/11/25 23:34	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		12/10/25 15:29	12/11/25 23:34	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		12/10/25 15:29	12/11/25 23:34	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		12/10/25 15:29	12/11/25 23:34	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		12/10/25 15:29	12/11/25 23:34	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		12/10/25 15:29	12/11/25 23:34	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 23:34	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 23:34	1
Caprolactam	ND		10.1	2.42	ug/L		12/10/25 15:29	12/11/25 23:34	1
Carbazole	ND		10.1	0.322	ug/L		12/10/25 15:29	12/11/25 23:34	1
Chrysene	ND		10.1	1.21	ug/L		12/10/25 15:29	12/11/25 23:34	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/10/25 15:29	12/11/25 23:34	1
Dibenzofuran	ND		10.1	0.644	ug/L		12/10/25 15:29	12/11/25 23:34	1
Diethyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 23:34	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 23:34	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		12/10/25 15:29	12/11/25 23:34	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		12/10/25 15:29	12/11/25 23:34	1
Fluoranthene	ND		10.1	0.634	ug/L		12/10/25 15:29	12/11/25 23:34	1
Fluorene	ND		10.1	0.674	ug/L		12/10/25 15:29	12/11/25 23:34	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		12/10/25 15:29	12/11/25 23:34	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		12/10/25 15:29	12/11/25 23:34	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		12/10/25 15:29	12/11/25 23:34	1
Hexachloroethane	ND		10.1	0.534	ug/L		12/10/25 15:29	12/11/25 23:34	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/10/25 15:29	12/11/25 23:34	1
Isophorone	ND		10.1	0.805	ug/L		12/10/25 15:29	12/11/25 23:34	1
Naphthalene	ND		10.1	0.755	ug/L		12/10/25 15:29	12/11/25 23:34	1
Nitrobenzene	ND		10.1	0.604	ug/L		12/10/25 15:29	12/11/25 23:34	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		12/10/25 15:29	12/11/25 23:34	1

Client Sample ID: 120425-Dup-1
Date Collected: 12/04/25 00:00
Date Received: 12/05/25 08:00

Lab Sample ID: 752-39946-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		12/10/25 15:29	12/11/25 23:34	1
Pentachlorophenol	ND		10.1	2.82	ug/L		12/10/25 15:29	12/11/25 23:34	1
Phenanthrene	ND		10.1	0.745	ug/L		12/10/25 15:29	12/11/25 23:34	1
Phenol	ND		10.1	0.685	ug/L		12/10/25 15:29	12/11/25 23:34	1
Pyrene	ND		10.1	0.634	ug/L		12/10/25 15:29	12/11/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*12/10/25 15:29*	*12/11/25 23:34*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*12/10/25 15:29*	*12/11/25 23:34*	*1*
2-Fluorophenol (Surr)	*87*		*10 - 150*	*12/10/25 15:29*	*12/11/25 23:34*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*12/10/25 15:29*	*12/11/25 23:34*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*12/10/25 15:29*	*12/11/25 23:34*	*1*
Terphenyl-d14 (Surr)	*52*		*28 - 150*	*12/10/25 15:29*	*12/11/25 23:34*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 03:59	1
Arsenic	**1.48**	**J**	5.00	1.32	ug/L		12/08/25 07:15	12/09/25 03:59	1
Barium	**189**		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 03:59	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 03:59	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 03:59	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 03:59	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 07:15	12/09/25 03:59	1
Copper	**2.82**		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 03:59	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 03:59	1
Manganese	**66.6**		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 03:59	1
Nickel	**0.686**	**J**	5.00	0.422	ug/L		12/08/25 07:15	12/09/25 03:59	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 03:59	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 03:59	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 07:15	12/09/25 03:59	1
Vanadium	**3.52**	**J**	5.00	1.22	ug/L		12/08/25 07:15	12/09/25 03:59	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 03:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 00:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 13:51	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 11:50	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.90**		0.200	0.0200	mg/L			12/12/25 09:15	2
Nitrate as N (SM Nitrate by calc)	**1.90**		0.100	0.0100	mg/L			12/14/25 09:38	1
Sulfate (SM 4500 SO4 E)	**30.9**		5.00	1.40	mg/L			12/08/25 16:27	1

Surrogate Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-39946-1	MW-2	97	111	119	98
752-39946-2	MW-3	96	110	121	96
752-39946-3	120425-Dup-1	100	112	122	97
LCS 400-733581/1002	Lab Control Sample	95	104	109	97
MB 400-733581/5	Method Blank	98	107	118	95

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-39946-1	MW-2	84	78	86	84	78	57
752-39946-2	MW-3	86	75	86	77	78	62
752-39946-3	120425-Dup-1	84	75	87	79	78	52
LCS 400-733279/2-A	Lab Control Sample	93	76	81	76	95	76
MB 400-733279/1-A	Method Blank	97	78	81	80	88	75

Surrogate Legend

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

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	**Client Sample ID**	**(10-140)**						
752-39946-1	MW-2	28						
752-39946-2	MW-3	28						
752-39946-3	120425-Dup-1	29						
LCS 400-733227/2-A	Lab Control Sample	34						
LCSD 400-733227/3-A	Lab Control Sample Dup	29						
MB 400-733227/1-A	Method Blank	29						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-733581/5
Matrix: Water
Analysis Batch: 733581

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 10:37	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 10:37	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 10:37	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 10:37	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 10:37	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 10:37	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 10:37	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 10:37	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 10:37	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 10:37	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 10:37	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 10:37	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 10:37	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 10:37	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 10:37	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 10:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 10:37	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 10:37	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 10:37	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 10:37	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 10:37	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 10:37	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 10:37	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 10:37	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 10:37	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 10:37	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 10:37	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 10:37	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 10:37	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 10:37	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 10:37	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 10:37	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 10:37	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 10:37	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 10:37	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 10:37	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 10:37	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 10:37	1

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

Lab Sample ID: MB 400-733581/5
Matrix: Water
Analysis Batch: 733581

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 10:37	1
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 10:37	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 10:37	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 10:37	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 10:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 10:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 10:37	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 10:37	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 10:37	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 10:37	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 10:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 10:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 10:37	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 10:37	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 10:37	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 10:37	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 10:37	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 10:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 10:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 10:37	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 10:37	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 10:37	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/12/25 10:37*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*12/12/25 10:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*59 - 146*		*12/12/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*12/12/25 10:37*	*1*

Lab Sample ID: LCS 400-733581/1002
Matrix: Water
Analysis Batch: 733581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	411.3	*+	ug/L		206	43 - 150
Benzene	50.0	51.10		ug/L		102	70 - 130
Bromobenzene	50.0	43.72		ug/L		87	70 - 132
Bromoform	50.0	43.55		ug/L		87	57 - 140
Bromomethane	50.0	125.4	*+	ug/L		251	10 - 150
2-Butanone (MEK)	200	241.3		ug/L		121	61 - 145
Carbon disulfide	50.0	49.39		ug/L		99	61 - 137
Carbon tetrachloride	50.0	48.96		ug/L		98	61 - 137
Chlorobenzene	50.0	47.27		ug/L		95	70 - 130
Chlorobromomethane	50.0	54.14		ug/L		108	70 - 130
Chlorodibromomethane	50.0	48.06		ug/L		96	67 - 135

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

Lab Sample ID: LCS 400-733581/1002
Matrix: Water
Analysis Batch: 733581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	42.66		ug/L		85	55 - 141
Chloroform	50.0	52.68		ug/L		105	69 - 130
Chloromethane	50.0	58.92		ug/L		118	58 - 137
2-Chlorotoluene	50.0	45.56		ug/L		91	70 - 130
4-Chlorotoluene	50.0	46.07		ug/L		92	70 - 130
cis-1,2-Dichloroethene	50.0	53.42		ug/L		107	68 - 130
cis-1,3-Dichloropropene	50.0	49.29		ug/L		99	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	43.64		ug/L		87	54 - 135
Dibromomethane	50.0	53.58		ug/L		107	70 - 130
1,2-Dichlorobenzene	50.0	46.04		ug/L		92	67 - 130
1,3-Dichlorobenzene	50.0	44.41		ug/L		89	70 - 130
1,4-Dichlorobenzene	50.0	45.32		ug/L		91	70 - 130
Dichlorobromomethane	50.0	52.01		ug/L		104	67 - 133
1,1-Dichloroethane	50.0	52.03		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	55.73		ug/L		111	69 - 130
1,1-Dichloroethene	50.0	48.43		ug/L		97	63 - 134
1,2-Dichloropropane	50.0	54.54		ug/L		109	70 - 130
1,3-Dichloropropane	50.0	51.36		ug/L		103	70 - 130
2,2-Dichloropropane	50.0	47.43		ug/L		95	52 - 135
1,1-Dichloropropene	50.0	49.62		ug/L		99	70 - 130
Ethyl acetate	100	97.12		ug/L		97	34 - 150
Ethylbenzene	50.0	48.06		ug/L		96	70 - 130
Ethylene Dibromide	50.0	49.69		ug/L		99	70 - 130
Hexachlorobutadiene	50.0	44.76		ug/L		90	53 - 140
Hexane	50.0	50.57		ug/L		101	69 - 130
2-Hexanone	200	234.6		ug/L		117	65 - 137
Iodomethane	50.0	34.66		ug/L		69	27 - 150
Isopropylbenzene	50.0	46.26		ug/L		93	70 - 130
Isopropyl ether	50.0	55.62		ug/L		111	64 - 132
4-Isopropyltoluene	50.0	44.77		ug/L		90	65 - 130
Methylene Chloride	50.0	50.13		ug/L		100	66 - 135
4-Methyl-2-pentanone (MIBK)	200	239.5		ug/L		120	69 - 138
Methyl tert-butyl ether	50.0	48.21		ug/L		96	66 - 130
m-Xylene & p-Xylene	50.0	45.99		ug/L		92	70 - 130
Naphthalene	50.0	42.85		ug/L		86	47 - 149
n-Butylbenzene	50.0	48.97		ug/L		98	67 - 130
n-Heptane	50.0	53.62		ug/L		107	70 - 130
N-Propylbenzene	50.0	44.00		ug/L		88	70 - 130
o-Xylene	50.0	46.88		ug/L		94	70 - 130
sec-Butylbenzene	50.0	46.01		ug/L		92	66 - 130
Styrene	50.0	46.66		ug/L		93	70 - 130
tert-Butylbenzene	50.0	45.90		ug/L		92	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.95		ug/L		94	67 - 131
1,1,2,2-Tetrachloroethane	50.0	50.06		ug/L		100	70 - 131
Tetrachloroethene	50.0	42.51		ug/L		85	65 - 130
Toluene	50.0	46.04		ug/L		92	70 - 130
trans-1,4-Dichloro-2-butene	50.0	54.56		ug/L		109	57 - 140
trans-1,2-Dichloroethene	50.0	47.63		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	48.56		ug/L		97	63 - 130

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

Lab Sample ID: LCS 400-733581/1002
Matrix: Water
Analysis Batch: 733581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	42.64		ug/L		85	60 - 138
1,2,4-Trichlorobenzene	50.0	44.00		ug/L		88	60 - 140
1,1,1-Trichloroethane	50.0	49.66		ug/L		99	68 - 130
1,1,2-Trichloroethane	50.0	50.77		ug/L		102	70 - 130
Trichloroethene	50.0	46.25		ug/L		93	70 - 130
Trichlorofluoromethane	50.0	60.18		ug/L		120	65 - 138
1,2,3-Trichloropropane	50.0	46.62		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.46		ug/L		93	60 - 139
1,2,4-Trimethylbenzene	50.0	45.06		ug/L		90	70 - 130
1,3,5-Trimethylbenzene	50.0	44.53		ug/L		89	69 - 130
Vinyl acetate	100	124.4		ug/L		124	26 - 150
Vinyl chloride	50.0	51.65		ug/L		103	59 - 136
Xylenes, Total	100	92.87		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*
Toluene-d8 (Surr)	*97*		*64 - 132*

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

Lab Sample ID: MB 400-733279/1-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/10/25 09:56	12/10/25 17:33	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/10/25 09:56	12/10/25 17:33	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/10/25 09:56	12/10/25 17:33	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/10/25 09:56	12/10/25 17:33	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/10/25 09:56	12/10/25 17:33	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/10/25 09:56	12/10/25 17:33	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/10/25 09:56	12/10/25 17:33	1

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

Lab Sample ID: MB 400-733279/1-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/10/25 09:56	12/10/25 17:33	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/10/25 09:56	12/10/25 17:33	1
Acenaphthene	ND		10.0	0.630	ug/L		12/10/25 09:56	12/10/25 17:33	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/10/25 09:56	12/10/25 17:33	1
Acetophenone	ND		10.0	3.20	ug/L		12/10/25 09:56	12/10/25 17:33	1
Anthracene	ND		10.0	0.910	ug/L		12/10/25 09:56	12/10/25 17:33	1
Atrazine	ND		10.0	1.13	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/10/25 09:56	12/10/25 17:33	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/10/25 09:56	12/10/25 17:33	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/10/25 09:56	12/10/25 17:33	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/10/25 09:56	12/10/25 17:33	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/10/25 09:56	12/10/25 17:33	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Caprolactam	ND		10.0	2.40	ug/L		12/10/25 09:56	12/10/25 17:33	1
Carbazole	ND		10.0	0.320	ug/L		12/10/25 09:56	12/10/25 17:33	1
Chrysene	ND		10.0	1.20	ug/L		12/10/25 09:56	12/10/25 17:33	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/10/25 09:56	12/10/25 17:33	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/10/25 09:56	12/10/25 17:33	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/10/25 09:56	12/10/25 17:33	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/10/25 09:56	12/10/25 17:33	1
Fluoranthene	ND		10.0	0.630	ug/L		12/10/25 09:56	12/10/25 17:33	1
Fluorene	ND		10.0	0.670	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/10/25 09:56	12/10/25 17:33	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/10/25 09:56	12/10/25 17:33	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/10/25 09:56	12/10/25 17:33	1
Isophorone	ND		10.0	0.800	ug/L		12/10/25 09:56	12/10/25 17:33	1
Naphthalene	ND		10.0	0.750	ug/L		12/10/25 09:56	12/10/25 17:33	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/10/25 09:56	12/10/25 17:33	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/10/25 09:56	12/10/25 17:33	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/10/25 09:56	12/10/25 17:33	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/10/25 09:56	12/10/25 17:33	1
Phenanthrene	ND		10.0	0.740	ug/L		12/10/25 09:56	12/10/25 17:33	1
Phenol	ND		10.0	0.680	ug/L		12/10/25 09:56	12/10/25 17:33	1
Pyrene	ND		10.0	0.630	ug/L		12/10/25 09:56	12/10/25 17:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 150*	*12/10/25 09:56*	*12/10/25 17:33*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*12/10/25 09:56*	*12/10/25 17:33*	*1*

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

Lab Sample ID: MB 400-733279/1-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733279

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	81		10 - 150	12/10/25 09:56	12/10/25 17:33	1
Nitrobenzene-d5 (Surr)	80		22 - 150	12/10/25 09:56	12/10/25 17:33	1
Phenol-d5 (Surr)	88		10 - 150	12/10/25 09:56	12/10/25 17:33	1
Terphenyl-d14 (Surr)	75		28 - 150	12/10/25 09:56	12/10/25 17:33	1

Lab Sample ID: LCS 400-733279/2-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	24.09		ug/L		72	27 - 120
2,4,5-Trichlorophenol	33.3	30.55		ug/L		92	27 - 136
2,4,6-Trichlorophenol	33.3	30.30		ug/L		91	21 - 132
2,4-Dichlorophenol	33.3	28.76		ug/L		86	30 - 125
2,4-Dimethylphenol	33.3	22.18		ug/L		67	10 - 142
2,4-Dinitrophenol	66.7	59.83		ug/L		90	10 - 150
2,4-Dinitrotoluene	33.3	26.34		ug/L		79	30 - 129
2,6-Dinitrotoluene	33.3	28.92		ug/L		87	34 - 132
2-Chloronaphthalene	33.3	22.24		ug/L		67	10 - 150
2-Chlorophenol	33.3	27.24		ug/L		82	28 - 127
2-Methylnaphthalene	33.3	23.46		ug/L		70	24 - 150
2-Methylphenol	33.3	25.95		ug/L		78	11 - 121
2-Nitroaniline	33.3	28.49		ug/L		85	31 - 141
2-Nitrophenol	33.3	30.62		ug/L		92	31 - 142
3 & 4 Methylphenol	33.3	25.60		ug/L		77	10 - 150
3,3'-Dichlorobenzidine	66.7	31.83		ug/L		48	10 - 150
3-Nitroaniline	33.3	26.26		ug/L		79	33 - 136
4,6-Dinitro-2-methylphenol	66.7	55.09		ug/L		83	10 - 150
4-Bromophenyl phenyl ether	33.3	25.20		ug/L		76	24 - 120
4-Chloro-3-methylphenol	33.3	27.31		ug/L		82	10 - 137
4-Chloroaniline	33.3	24.89		ug/L		75	10 - 150
4-Chlorophenyl phenyl ether	33.3	23.07		ug/L		69	31 - 110
4-Nitroaniline	33.3	23.81		ug/L		71	37 - 139
4-Nitrophenol	66.7	56.42		ug/L		85	10 - 150
Acenaphthene	33.3	24.21		ug/L		73	29 - 150
Acenaphthylene	33.3	24.93		ug/L		75	30 - 150
Acetophenone	33.3	23.76		ug/L		71	27 - 119
Anthracene	33.3	24.93		ug/L		75	31 - 150
Atrazine	33.3	27.68		ug/L		83	10 - 150
Benzaldehyde	33.3	22.17		ug/L		67	10 - 150
Benzo[a]anthracene	33.3	24.34		ug/L		73	36 - 150
Benzo[a]pyrene	33.3	25.28		ug/L		76	29 - 150
Benzo[b]fluoranthene	33.3	25.85		ug/L		78	32 - 150
Benzo[g,h,i]perylene	33.3	25.14		ug/L		75	28 - 150
Benzo[k]fluoranthene	33.3	25.12		ug/L		75	30 - 150
bis (2-chloroisopropyl) ether	33.3	24.02		ug/L		72	32 - 115
Bis(2-chloroethoxy)methane	33.3	27.14		ug/L		81	34 - 120
Bis(2-chloroethyl)ether	33.3	26.36		ug/L		79	32 - 114

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

Lab Sample ID: LCS 400-733279/2-A
Matrix: Water
Analysis Batch: 733300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	33.3	25.65		ug/L		77	24 - 133
Butyl benzyl phthalate	33.3	23.31		ug/L		70	24 - 140
Caprolactam	33.3	27.50		ug/L		82	10 - 150
Carbazole	33.3	24.96		ug/L		75	28 - 123
Chrysene	33.3	23.56		ug/L		71	34 - 150
Dibenz(a,h)anthracene	33.3	24.10		ug/L		72	29 - 150
Dibenzofuran	33.3	23.94		ug/L		72	35 - 110
Diethyl phthalate	33.3	18.53		ug/L		56	31 - 118
Dimethyl phthalate	33.3	20.14		ug/L		60	24 - 125
Di-n-butyl phthalate	33.3	22.98		ug/L		69	30 - 127
Di-n-octyl phthalate	33.3	26.70		ug/L		80	28 - 142
Fluoranthene	33.3	25.31		ug/L		76	30 - 150
Fluorene	33.3	25.09		ug/L		75	30 - 150
Hexachlorobenzene	33.3	25.66		ug/L		77	29 - 113
Hexachlorobutadiene	33.3	11.94		ug/L		36	10 - 117
Hexachlorocyclopentadiene	33.3	11.12	J	ug/L		33	10 - 150
Hexachloroethane	33.3	13.36		ug/L		40	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	23.95		ug/L		72	28 - 150
Isophorone	33.3	25.16		ug/L		75	29 - 125
Naphthalene	33.3	21.67		ug/L		65	27 - 150
Nitrobenzene	33.3	25.72		ug/L		77	29 - 129
N-Nitrosodi-n-propylamine	33.3	28.38		ug/L		85	50 - 134
N-Nitrosodiphenylamine	33.1	25.09		ug/L		76	50 - 132
Pentachlorophenol	66.7	63.34		ug/L		95	14 - 150
Phenanthrene	33.3	24.91		ug/L		75	32 - 150
Phenol	33.3	30.44		ug/L		91	10 - 150
Pyrene	33.3	24.93		ug/L		75	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 150*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*
2-Fluorophenol (Surr)	*81*		*10 - 150*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*
Phenol-d5 (Surr)	*95*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-733227/1-A
Matrix: Water
Analysis Batch: 733474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/09/25 17:38	12/11/25 11:29	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*12/09/25 17:38*	*12/11/25 11:29*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 400-733227/2-A
Matrix: Water
Analysis Batch: 733474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733227

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	16.35		ug/L		102	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*34*		*10 - 140*

Lab Sample ID: LCSD 400-733227/3-A
Matrix: Water
Analysis Batch: 733474

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733227

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.82		ug/L		111	30 - 150	9	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-99859/1-A
Matrix: Water
Analysis Batch: 100197

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 07:15	12/09/25 02:54	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 07:15	12/09/25 02:54	1
Barium	ND		10.0	0.410	ug/L		12/08/25 07:15	12/09/25 02:54	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 07:15	12/09/25 02:54	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 07:15	12/09/25 02:54	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 07:15	12/09/25 02:54	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 07:15	12/09/25 02:54	1
Copper	ND		2.00	0.642	ug/L		12/08/25 07:15	12/09/25 02:54	1
Lead	ND		1.00	0.864	ug/L		12/08/25 07:15	12/09/25 02:54	1
Manganese	ND		5.00	1.29	ug/L		12/08/25 07:15	12/09/25 02:54	1
Nickel	ND		5.00	0.422	ug/L		12/08/25 07:15	12/09/25 02:54	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 07:15	12/09/25 02:54	1
Silver	ND		1.00	0.167	ug/L		12/08/25 07:15	12/09/25 02:54	1
Thallium	0.5200	J	1.00	0.190	ug/L		12/08/25 07:15	12/09/25 02:54	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 07:15	12/09/25 02:54	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 07:15	12/09/25 02:54	1

Lab Sample ID: LCS 705-99859/2-A
Matrix: Water
Analysis Batch: 100197

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	92.75		ug/L		93	80 - 120		
Arsenic			100	92.49		ug/L		92	80 - 120		
Barium			100	89.32		ug/L		89	80 - 120		
Beryllium			100	97.88		ug/L		98	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-99859/2-A
Matrix: Water
Analysis Batch: 100197

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	90.31		ug/L		90	80 - 120
Chromium	100	94.14		ug/L		94	80 - 120
Cobalt	100	97.24		ug/L		97	80 - 120
Copper	100	96.51		ug/L		97	80 - 120
Lead	100	97.51		ug/L		98	80 - 120
Manganese	100	95.80		ug/L		96	80 - 120
Nickel	100	98.74		ug/L		99	80 - 120
Selenium	100	102.1		ug/L		102	80 - 120
Silver	10.0	9.641		ug/L		96	80 - 120
Thallium	100	99.33		ug/L		99	80 - 120
Vanadium	100	93.19		ug/L		93	80 - 120
Zinc	100	94.93		ug/L		95	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-100952/1-A
Matrix: Water
Analysis Batch: 101340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100952

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/11/25 23:18	1

Lab Sample ID: LCS 705-100952/2-A
Matrix: Water
Analysis Batch: 101340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100952

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.328		ug/L		108	80 - 120

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887595/32
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 12:36	1

Lab Sample ID: MB 680-887595/52
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 13:45	1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-887595/33
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.012		mg/L		101	90 - 110

Lab Sample ID: LCS 680-887595/53
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9883		mg/L		99	90 - 110

Lab Sample ID: 752-39946-1 MS
Matrix: Water
Analysis Batch: 887595

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	1.061		mg/L		106	90 - 110

Lab Sample ID: 752-39946-1 MSD
Matrix: Water
Analysis Batch: 887595

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	1.063		mg/L		106	90 - 110	0	30

Lab Sample ID: 752-39946-2 MS
Matrix: Water
Analysis Batch: 887595

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	0.9290		mg/L		93	90 - 110

Lab Sample ID: 752-39946-2 MSD
Matrix: Water
Analysis Batch: 887595

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	0.9362		mg/L		94	90 - 110	1	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14315/10
Matrix: Water
Analysis Batch: 14315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/05/25 11:26	1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: MB 752-14315/41
Matrix: Water
Analysis Batch: 14315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/05/25 15:34	1

Lab Sample ID: LCS 752-14315/13
Matrix: Water
Analysis Batch: 14315

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	1.006		mg/L		101	90 - 110

Lab Sample ID: LCSD 752-14315/60
Matrix: Water
Analysis Batch: 14315

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
Nitrite as N	1.00	0.9636		mg/L		96	90 - 110	1	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887615/57
Matrix: Water
Analysis Batch: 887615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			12/11/25 12:38	1

Lab Sample ID: LCS 680-887615/58
Matrix: Water
Analysis Batch: 887615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9520		mg/L		95	90 - 110

Lab Sample ID: MB 680-887629/12
Matrix: Water
Analysis Batch: 887629

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			12/12/25 08:55	1

Lab Sample ID: LCS 680-887629/13
Matrix: Water
Analysis Batch: 887629

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9150		mg/L		92	90 - 110

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-733054/20
Matrix: Water
Analysis Batch: 733054

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/08/25 15:51	1

Lab Sample ID: LCS 400-733054/21
Matrix: Water
Analysis Batch: 733054

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	14.85		mg/L		99	90 - 110		

Lab Sample ID: MRL 400-733054/22
Matrix: Water
Analysis Batch: 733054

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	5.396		mg/L		108	50 - 150		

Lab Sample ID: 752-39946-1 MS
Matrix: Water
Analysis Batch: 733054

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	29.4		10.0	38.00		mg/L		86	77 - 128		

Lab Sample ID: 752-39946-1 MSD
Matrix: Water
Analysis Batch: 733054

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	29.4		10.0	37.71		mg/L		83	77 - 128	1	5

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

GC/MS VOA

Analysis Batch: 733581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	8260D	
752-39946-2	MW-3	Total/NA	Water	8260D	
752-39946-3	120425-Dup-1	Total/NA	Water	8260D	
MB 400-733581/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733581/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	3510C	
752-39946-2	MW-3	Total/NA	Water	3510C	
752-39946-3	120425-Dup-1	Total/NA	Water	3510C	
MB 400-733227/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-733227/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-733227/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 733279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	3511	
752-39946-2	MW-3	Total/NA	Water	3511	
752-39946-3	120425-Dup-1	Total/NA	Water	3511	
MB 400-733279/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-733279/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 733300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-733279/1-A	Method Blank	Total/NA	Water	8270E	733279
LCS 400-733279/2-A	Lab Control Sample	Total/NA	Water	8270E	733279

Analysis Batch: 733437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	8270E	733279
752-39946-2	MW-3	Total/NA	Water	8270E	733279
752-39946-3	120425-Dup-1	Total/NA	Water	8270E	733279

Analysis Batch: 733474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	8270E SIM ID	733227
752-39946-2	MW-3	Total/NA	Water	8270E SIM ID	733227
752-39946-3	120425-Dup-1	Total/NA	Water	8270E SIM ID	733227
MB 400-733227/1-A	Method Blank	Total/NA	Water	8270E SIM ID	733227
LCS 400-733227/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	733227
LCSD 400-733227/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	733227

Metals

Prep Batch: 99859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total Recoverable	Water	3005A	
752-39946-2	MW-3	Total Recoverable	Water	3005A	
752-39946-3	120425-Dup-1	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 99859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-99859/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-99859/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 100197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total Recoverable	Water	6020B	99859
752-39946-2	MW-3	Total Recoverable	Water	6020B	99859
752-39946-3	120425-Dup-1	Total Recoverable	Water	6020B	99859
MB 705-99859/1-A	Method Blank	Total Recoverable	Water	6020B	99859
LCS 705-99859/2-A	Lab Control Sample	Total Recoverable	Water	6020B	99859

Prep Batch: 100952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	7470A	
752-39946-2	MW-3	Total/NA	Water	7470A	
752-39946-3	120425-Dup-1	Total/NA	Water	7470A	
MB 705-100952/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-100952/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 101340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	7470A	100952
752-39946-2	MW-3	Total/NA	Water	7470A	100952
752-39946-3	120425-Dup-1	Total/NA	Water	7470A	100952
MB 705-100952/1-A	Method Blank	Total/NA	Water	7470A	100952
LCS 705-100952/2-A	Lab Control Sample	Total/NA	Water	7470A	100952

General Chemistry

Analysis Batch: 14315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	353.2	
752-39946-2	MW-3	Total/NA	Water	353.2	
752-39946-3	120425-Dup-1	Total/NA	Water	353.2	
MB 752-14315/10	Method Blank	Total/NA	Water	353.2	
MB 752-14315/41	Method Blank	Total/NA	Water	353.2	
LCS 752-14315/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14315/60	Lab Control Sample Dup	Total/NA	Water	353.2	

Analysis Batch: 733054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39946-2	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-39946-3	120425-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-733054/20	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-733054/21	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-733054/22	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-39946-1 MS	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39946-1 MSD	MW-2	Total/NA	Water	SM 4500 SO4 E	

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

General Chemistry

Analysis Batch: 887546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	Nitrate by calc	
752-39946-2	MW-3	Total/NA	Water	Nitrate by calc	
752-39946-3	120425-Dup-1	Total/NA	Water	Nitrate by calc	

Analysis Batch: 887595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39946-2	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39946-3	120425-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/32	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/52	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887595/33	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887595/53	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-39946-1 MS	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39946-1 MSD	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39946-2 MS	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39946-2 MSD	MW-3	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-1	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-39946-2	MW-3	Total/NA	Water	353.2-1993 R2.0	
MB 680-887615/57	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887615/58	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39946-3	120425-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887629/12	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887629/13	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Client Sample ID: MW-2

Lab Sample ID: 752-39946-1

Date Collected: 12/04/25 09:15

Matrix: Water

Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 19:55
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 22:35
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 16:04
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:54
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 00:10
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 12:55
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:48
Total/NA	Analysis	353.2-1993 R2.0		5	887615	NVF	EET SAV	12/11/25 15:42
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:25

Client Sample ID: MW-3

Lab Sample ID: 752-39946-2

Date Collected: 12/04/25 09:05

Matrix: Water

Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 20:21
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 23:05
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 16:25
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:57
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 00:14
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 13:32
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:49
Total/NA	Analysis	353.2-1993 R2.0		5	887615	NVF	EET SAV	12/11/25 15:43
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:25

Client Sample ID: 120425-Dup-1

Lab Sample ID: 752-39946-3

Date Collected: 12/04/25 00:00

Matrix: Water

Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733581	RSG	EET PEN	12/12/25 20:48
Total/NA	Prep	3511			733279	HG	EET PEN	12/10/25 15:29
Total/NA	Analysis	8270E		1	733437	JAW	EET PEN	12/11/25 23:34

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39946-1
Project/Site: Lyon Park

Client Sample ID: 120425-Dup-1
Lab Sample ID: 752-39946-3

Date Collected: 12/04/25 00:00
Matrix: Water
Date Received: 12/05/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			733227	STC	EET PEN	12/09/25 17:38
Total/NA	Analysis	8270E SIM ID		1	733474	VC1	EET PEN	12/11/25 16:46
Total Recoverable	Prep	3005A			99859	EF	EET ATL	12/08/25 07:15
Total Recoverable	Analysis	6020B		1	100197	IF	EET ATL	12/09/25 03:59
Total/NA	Prep	7470A			100952	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 00:17
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 13:51
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 11:50
Total/NA	Analysis	353.2-1993 R2.0		2	887629	NVF	EET SAV	12/12/25 09:15
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/14/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733054	CJK	EET PEN	12/08/25 16:27

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-39946-1
Project/Site: Lyon Park

Laboratory: Eurofins Raleigh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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 ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39946-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-39946-1	MW-2	Water	12/04/25 09:15	12/05/25 08:00	North Carolina
752-39946-2	MW-3	Water	12/04/25 09:05	12/05/25 08:00	North Carolina
752-39946-3	120425-Dup-1	Water	12/04/25 00:00	12/05/25 08:00	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: (912) 337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-39946 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D6 - 1,4 Dioxane	360.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
MW-2	12/4/25	0915	G	W			X	X	X	X	X	X	X		
MW-3		0905					X	X	X	X	X	X	X		
120425-Dup-1							X	X	X	X	X	X	X		

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
	12/4/25 1750	S&ME	Rachel	12/5/25 800	
Relinquished by:			Received by:	Date/Time:	Company
Relinquished by:			Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3 coolers 1.6 (1.4) 0.9 (0.7)

Initial Temperature: 1.4 °C
Correction Factor: -0.2°C
Corrected Temperature: 1.2 °C
Temp IR Gun: CRY-T-132
Initials: (RY) BR PG DW DO HH

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone. 919-467-3090

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7442.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39946-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
MW-2 (752-39946-1)	12/4/25	09 15 Eastern	G	Water			X	X	X	X	8	
MW-3 (752-39946-2)	12/4/25	09 05 Eastern	G	Water			X	X	X	X	8	
120425-Dup-1 (752-39946-3)	12/4/25	Eastern	G	Water			X	X	X	X	8	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	12/5/25 1500				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: BP	Date/Time: 12/6/25 0935	Company: EES

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 0.0C 0.0C

Ver 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7444.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39946-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/15/2025			
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-2 (752-39946-1)	12/4/25	09:15 Eastern	G	Water			X	X	X		
MW-3 (752-39946-2)	12/4/25	09:05 Eastern	G	Water			X	X	X		
120425-Dup-1 (752-39946-3)	12/4/25	Eastern	G	Water			X	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	12/5/25 1500			12/6/25 1045	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 / 3.2

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39946-1

Login Number: 39946

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

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.	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.	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: S&ME Inc

Job Number: 752-39946-1

Login Number: 39946
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/06/25 04:31 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does 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 present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39946-1

Login Number: 39946
List Number: 4
Creator: Pardonner, Brett

List Source: Eurofins Pensacola
List Creation: 12/08/25 12:00 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.	True	
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	0.0°C 0.0°C 0.0°C IR8
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").	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: S&ME Inc

Job Number: 752-39946-1

Login Number: 39946
List Number: 2
Creator: Faught, Timothy

List Source: Eurofins Savannah
List Creation: 12/06/25 11:28 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.	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 11/20/2025 7:43:33 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-38922-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



Generated
11/20/2025 7:43:33 AM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-38922-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
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.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
752-38922-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/5/2025 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.5°C and 2.5°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 400-730115 and analytical batch 400-730068 recovered outside control limits for the following analytes: Hexachlorobutadiene and 1,2,3-Trichlorobenzene. 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.

GC/MS Semi VOA
Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: SED-5 (752-38922-1), SED-6 (752-38922-2), SED-7 (752-38922-3), SED-8 (752-38922-4), SED-9 (752-38922-5) and SED-Dup (752-38922-6). 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.

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

Metals
Method 6020B_LL: The method blank for preparation batch 705-95037 and analytical batch 705-95509 contained Arsenic, Manganese, Selenium and Vanadium above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

Method 6020B_LL: The method blank for preparation batch 705-94564 and analytical batch 705-95510 contained Selenium above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed

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

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

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-5 — Lab Sample ID: 752-38922-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0247	J	0.0350	0.0168	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0841	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0739	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.107	J	0.456	0.00193	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0461	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0809	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0783	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.132	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0483	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.106	J	0.456	0.0456	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	2.61	J	3.54	1.03	mg/Kg	1	☼	9056A	Soluble
Sulfate	24.6		14.1	13.9	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.721	B	0.436	0.0389	mg/Kg	5	☼	6020B	Total/NA
Barium	19.7		1.82	0.0103	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0937	J	0.363	0.0255	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0676	J	0.363	0.0118	mg/Kg	5	☼	6020B	Total/NA
Chromium	6.30		0.727	0.150	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.10		0.545	0.0206	mg/Kg	5	☼	6020B	Total/NA
Copper	17.2		0.363	0.0378	mg/Kg	5	☼	6020B	Total/NA
Lead	22.1		0.363	0.0429	mg/Kg	5	☼	6020B	Total/NA
Manganese	72.0	B	0.727	0.0447	mg/Kg	5	☼	6020B	Total/NA
Nickel	9.61		0.727	0.0190	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.640	J B	1.82	0.129	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0223	J	0.182	0.00211	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.4	B	0.727	0.0912	mg/Kg	5	☼	6020B	Total/NA
Zinc	41.4		1.82	1.51	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.175	J	1.36	0.136	mg/Kg	1	☼	7199	Total/NA
Ammonia (as N)	0.451	J F1	1.41	0.451	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: SED-6 — Lab Sample ID: 752-38922-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.0432	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0551	J	0.422	0.00179	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0502	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0486	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.66	J	3.21	0.930	mg/Kg	1	☼	9056A	Soluble
Sulfate	31.3		12.8	12.6	mg/Kg	1	☼	9056A	Soluble
Antimony	0.607	J	0.662	0.151	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.60	B	0.397	0.0354	mg/Kg	5	☼	6020B	Total/NA
Barium	26.5		1.65	0.00936	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.124	J	0.331	0.0232	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.128	J	0.331	0.0108	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.83		0.662	0.136	mg/Kg	5	☼	6020B	Total/NA
Cobalt	11.0		0.496	0.0187	mg/Kg	5	☼	6020B	Total/NA
Copper	12.6		0.331	0.0344	mg/Kg	5	☼	6020B	Total/NA
Lead	38.7		0.331	0.0390	mg/Kg	5	☼	6020B	Total/NA
Manganese	146	B	0.662	0.0407	mg/Kg	5	☼	6020B	Total/NA
Nickel	14.8		0.662	0.0173	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.504	J B	1.65	0.117	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0154	J	0.165	0.00192	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-6 (Continued) — Lab Sample ID: 752-38922-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	18.2	B	0.662	0.0830	mg/Kg	5	☼	6020B	Total/NA
Zinc	58.3		1.65	1.37	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-7 — Lab Sample ID: 752-38922-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0269		0.0261	0.0125	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.0455	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.0431	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.153	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.616		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.507		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.687		0.400	0.00170	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.327	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.265	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0921	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.545		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0835	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.25		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0520	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.344	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0484	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.761		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.03		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	4.49		3.20	0.929	mg/Kg	1	☼	9056A	Soluble
Sulfate	16.4		12.8	12.6	mg/Kg	1	☼	9056A	Soluble
Antimony	0.0497	J	0.140	0.0321	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.333	B	0.0842	0.00751	mg/Kg	1	☼	6020B	Total/NA
Barium	13.0		0.351	0.00199	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.0623	J	0.0702	0.00492	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.0598	J	0.0702	0.00229	mg/Kg	1	☼	6020B	Total/NA
Chromium	2.49		0.140	0.0289	mg/Kg	1	☼	6020B	Total/NA
Cobalt	0.721		0.105	0.00397	mg/Kg	1	☼	6020B	Total/NA
Copper	4.12		0.0702	0.00730	mg/Kg	1	☼	6020B	Total/NA
Lead	11.2		0.0702	0.00828	mg/Kg	1	☼	6020B	Total/NA
Manganese	23.3	B	0.140	0.00863	mg/Kg	1	☼	6020B	Total/NA
Nickel	1.68		0.140	0.00367	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.102	J B	0.351	0.0249	mg/Kg	1	☼	6020B	Total/NA
Silver	0.0101	J	0.0351	0.000407	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.0135	J	0.0982	0.00591	mg/Kg	1	☼	6020B	Total/NA
Vanadium	3.51	B	0.140	0.0176	mg/Kg	1	☼	6020B	Total/NA
Zinc	18.9		0.351	0.291	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.140		0.120	0.0176	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.746	J	1.18	0.118	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-8 — Lab Sample ID: 752-38922-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0942		0.0456	0.0219	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0786	J	0.537	0.00228	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.412	J	0.537	0.0537	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0633	J	0.537	0.0537	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-8 (Continued)

Lab Sample ID: 752-38922-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.113	J	0.537	0.0537	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0647	J	0.537	0.0537	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.102	J	0.537	0.0537	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	5.45		4.13	1.20	mg/Kg	1	☼	9056A	Soluble
Antimony	0.363	J F1	0.850	0.194	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.13	B	0.510	0.0455	mg/Kg	5	☼	6020B	Total/NA
Barium	39.6		2.13	0.0120	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.155	J	0.425	0.0298	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.128	J	0.425	0.0139	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.35		0.850	0.175	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.90		0.638	0.0241	mg/Kg	5	☼	6020B	Total/NA
Copper	14.1		0.425	0.0442	mg/Kg	5	☼	6020B	Total/NA
Lead	38.0		0.425	0.0502	mg/Kg	5	☼	6020B	Total/NA
Manganese	143	B	0.850	0.0523	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.44		0.850	0.0222	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.527	J B	2.13	0.151	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0262	J	0.213	0.00247	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0421	J	0.595	0.0358	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.3	B	0.850	0.107	mg/Kg	5	☼	6020B	Total/NA
Zinc	64.9		2.13	1.76	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0485	J	0.156	0.0228	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.357	J	1.55	0.155	mg/Kg	1	☼	7199	Total/NA
Ammonia (as N)	0.823	J	1.65	0.527	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: SED-9

Lab Sample ID: 752-38922-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0379		0.0275	0.0132	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.0661	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.0740	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.223	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.861		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.777		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.04		0.395	0.00168	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.507		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.393	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0953	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.865		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.129	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0409	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.90		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0655	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.533		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0553	J	0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.07		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.56		0.395	0.0395	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.76	J	3.05	0.884	mg/Kg	1	☼	9056A	Soluble
Antimony	0.283	J	0.748	0.171	mg/Kg	5	☼	6020B	Total/NA
Arsenic	2.14	B	0.449	0.0400	mg/Kg	5	☼	6020B	Total/NA
Barium	65.9		1.87	0.0106	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.343	J	0.374	0.0262	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-9 (Continued) — Lab Sample ID: 752-38922-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.249	J	0.374	0.0122	mg/Kg	5	☼	6020B	Total/NA
Chromium	13.2		0.748	0.154	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.34		0.561	0.0212	mg/Kg	5	☼	6020B	Total/NA
Copper	18.8		0.374	0.0389	mg/Kg	5	☼	6020B	Total/NA
Lead	72.9		0.374	0.0442	mg/Kg	5	☼	6020B	Total/NA
Manganese	161	B	0.748	0.0460	mg/Kg	5	☼	6020B	Total/NA
Nickel	8.58		0.748	0.0196	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.670	J B	1.87	0.133	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0455	J	0.187	0.00217	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0743	J	0.524	0.0315	mg/Kg	5	☼	6020B	Total/NA
Vanadium	18.0	B	0.748	0.0939	mg/Kg	5	☼	6020B	Total/NA
Zinc	78.2		1.87	1.55	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0367	J	0.114	0.0166	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.518	J	1.22	0.122	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-Dup — Lab Sample ID: 752-38922-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0369		0.0356	0.0171	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.173	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.177	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.248	J	0.440	0.00187	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.127	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0933	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0894	J I	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.193	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.406	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.132	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.140	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.317	J	0.440	0.0440	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	2.99	J	3.37	0.977	mg/Kg	1	☼	9056A	Soluble
Sulfate	14.5		13.5	13.2	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.724		0.479	0.0427	mg/Kg	5	☼	6020B	Total/NA
Barium	22.8	F1	2.00	0.0113	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.105	J	0.399	0.0280	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0980	J	0.399	0.0130	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.77	F2 F1	0.799	0.165	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.45	F1	0.599	0.0226	mg/Kg	5	☼	6020B	Total/NA
Copper	10.4		0.399	0.0415	mg/Kg	5	☼	6020B	Total/NA
Lead	28.6	F2 F1	0.399	0.0471	mg/Kg	5	☼	6020B	Total/NA
Manganese	75.2		0.799	0.0491	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.30	F1	0.799	0.0209	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.838	J B	2.00	0.142	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0134	J	0.200	0.00232	mg/Kg	5	☼	6020B	Total/NA
Vanadium	8.43		0.799	0.100	mg/Kg	5	☼	6020B	Total/NA
Zinc	56.9	F2	2.00	1.66	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-38922-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-5
Date Collected: 11/05/25 14:40
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-1
Matrix: Solid
Percent Solids: 70.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0247	J	0.0350	0.0168	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Benzene	ND		0.00700	0.000938	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Bromobenzene	ND		0.00700	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Chlorobromomethane	ND		0.00700	0.00113	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Dichlorobromomethane	ND		0.00700	0.00129	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Bromoform	ND		0.00700	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Bromomethane	ND		0.00700	0.00350	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
2-Butanone (MEK)	ND		0.0350	0.00840	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
n-Butylbenzene	ND		0.00700	0.00134	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
sec-Butylbenzene	ND		0.00700	0.00133	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
tert-Butylbenzene	ND		0.00700	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Carbon disulfide	ND		0.00700	0.00354	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Carbon tetrachloride	ND		0.00700	0.00238	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Chlorobenzene	ND		0.00700	0.00185	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Chloroethane	ND		0.00700	0.00462	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Chloroform	ND		0.00700	0.00190	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Chloromethane	ND		0.00700	0.00309	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
2-Chlorotoluene	ND		0.00700	0.00232	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
4-Chlorotoluene	ND		0.00700	0.00137	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Chlorodibromomethane	ND		0.00700	0.00168	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2-Dibromo-3-Chloropropane	ND		0.00700	0.00462	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Ethylene Dibromide	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Dibromomethane	ND		0.00700	0.00116	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2-Dichlorobenzene	ND		0.00700	0.00223	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,3-Dichlorobenzene	ND		0.00700	0.00133	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,4-Dichlorobenzene	ND		0.00700	0.00120	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
trans-1,4-Dichloro-2-butene	ND		0.00700	0.00350	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1-Dichloroethane	ND		0.00700	0.00116	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2-Dichloroethane	ND		0.00700	0.00258	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
cis-1,2-Dichloroethene	ND		0.00700	0.00106	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
trans-1,2-Dichloroethene	ND		0.00700	0.00134	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1-Dichloroethene	ND		0.00700	0.00294	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2-Dichloropropane	ND		0.00700	0.00106	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,3-Dichloropropane	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
2,2-Dichloropropane	ND		0.00700	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1-Dichloropropene	ND		0.00700	0.00116	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
cis-1,3-Dichloropropene	ND		0.00700	0.00168	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
trans-1,3-Dichloropropene	ND		0.00700	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Ethylbenzene	ND		0.00700	0.000854	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Hexachlorobutadiene	ND	*+	0.00700	0.00350	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
2-Hexanone	ND		0.0350	0.00700	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Iodomethane	ND		0.00700	0.00476	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Isopropylbenzene	ND		0.00700	0.000952	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
4-Isopropyltoluene	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Methylene Chloride	ND		0.0210	0.0140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		0.0350	0.0188	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Methyl tert-butyl ether	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Naphthalene	ND		0.00700	0.00420	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
N-Propylbenzene	ND		0.00700	0.00126	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1

Client Sample ID: SED-5
Date Collected: 11/05/25 14:40
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-1
Matrix: Solid
Percent Solids: 70.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1,1,2-Tetrachloroethane	ND		0.00700	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1,2,2-Tetrachloroethane	ND		0.00700	0.00241	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Tetrachloroethene	ND		0.00700	0.00420	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Toluene	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2,3-Trichlorobenzene	ND	*+	0.00700	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2,4-Trichlorobenzene	ND		0.00700	0.00281	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1,1-Trichloroethane	ND		0.00700	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1,2-Trichloroethane	ND		0.00700	0.00225	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Trichloroethene	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Trichlorofluoromethane	ND		0.00700	0.00339	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2,3-Trichloropropane	ND		0.00700	0.00291	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00700	0.00263	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,2,4-Trimethylbenzene	ND		0.00700	0.00140	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
1,3,5-Trimethylbenzene	ND		0.00700	0.00116	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Vinyl acetate	ND		0.0350	0.00893	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Vinyl chloride	ND		0.00700	0.00305	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
o-Xylene	ND		0.00700	0.00420	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
m-Xylene & p-Xylene	ND		0.00700	0.00420	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Xylenes, Total	ND		0.0140	0.00840	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Isopropyl ether	ND		0.00700	0.00193	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Hexane	ND		0.00700	0.00364	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
n-Heptane	ND		0.00700	0.00404	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1
Ethyl acetate	ND		0.0280	0.00700	mg/Kg	☼	11/11/25 11:18	11/11/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/11/25 11:18*	*11/11/25 17:52*	*1*
Dibromofluoromethane	*97*		*50 - 150*	*11/11/25 11:18*	*11/11/25 17:52*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/11/25 11:18*	*11/11/25 17:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*50 - 150*	*11/11/25 11:18*	*11/11/25 17:52*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00339	0.00339	mg/Kg	☼	11/10/25 13:12	11/12/25 17:18	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*10 - 150*	*11/10/25 13:12*	*11/12/25 17:18*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.456	0.0133	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,4,5-Trichlorophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,4,6-Trichlorophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,4-Dichlorophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,4-Dimethylphenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,4-Dinitrophenol	ND		1.37	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,4-Dinitrotoluene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2,6-Dinitrotoluene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2-Chloronaphthalene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2-Chlorophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2-Methylnaphthalene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1

Client Sample ID: SED-5
Date Collected: 11/05/25 14:40
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-1
Matrix: Solid
Percent Solids: 70.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2-Nitroaniline	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
2-Nitrophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
3 & 4 Methylphenol	ND		0.912	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
3,3'-Dichlorobenzidine	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
3-Nitroaniline	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4,6-Dinitro-2-methylphenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4-Bromophenyl phenyl ether	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4-Chloro-3-methylphenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4-Chloroaniline	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4-Chlorophenyl phenyl ether	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4-Nitroaniline	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
4-Nitrophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Acenaphthene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Acenaphthylene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Acetophenone	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Anthracene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Atrazine	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Benzaldehyde	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Benzo[a]anthracene	**0.0841**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Benzo[a]pyrene	**0.0739**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Benzo[b]fluoranthene	**0.107**	**J**	0.456	0.00193	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Benzo[g,h,i]perylene	**0.0461**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Benzo[k]fluoranthene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
bis (2-chloroisopropyl) ether	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Bis(2-chloroethoxy)methane	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Bis(2-chloroethyl)ether	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Bis(2-ethylhexyl) phthalate	ND		0.456	0.138	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Butyl benzyl phthalate	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Caprolactam	**0.0809**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Carbazole	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Chrysene	**0.0783**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Dibenz(a,h)anthracene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Dibenzofuran	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Diethyl phthalate	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Dimethyl phthalate	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Di-n-butyl phthalate	ND		1.37	0.414	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Di-n-octyl phthalate	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Fluoranthene	**0.132**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Fluorene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Hexachlorobenzene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Hexachlorobutadiene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Hexachlorocyclopentadiene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Hexachloroethane	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Indeno[1,2,3-cd]pyrene	**0.0483**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Isophorone	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Naphthalene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Nitrobenzene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
N-Nitrosodi-n-propylamine	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1

Client Sample ID: SED-5
Date Collected: 11/05/25 14:40
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-1
Matrix: Solid
Percent Solids: 70.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Pentachlorophenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Phenanthrene	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Phenol	ND		0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1
Pyrene	**0.106**	**J**	0.456	0.0456	mg/Kg	☼	11/10/25 09:47	11/10/25 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*40 - 140*	*11/10/25 09:47*	*11/10/25 19:41*	*1*
2-Fluorobiphenyl (Surr)	*110*		*40 - 140*	*11/10/25 09:47*	*11/10/25 19:41*	*1*
2-Fluorophenol (Surr)	*119*		*40 - 140*	*11/10/25 09:47*	*11/10/25 19:41*	*1*
Nitrobenzene-d5 (Surr)	*108*		*40 - 140*	*11/10/25 09:47*	*11/10/25 19:41*	*1*
Phenol-d5 (Surr)	*119*		*40 - 140*	*11/10/25 09:47*	*11/10/25 19:41*	*1*
Terphenyl-d14 (Surr)	*118*		*40 - 140*	*11/10/25 09:47*	*11/10/25 19:41*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.61**	**J**	3.54	1.03	mg/Kg	☼		11/12/25 04:20	1
Sulfate	**24.6**		14.1	13.9	mg/Kg	☼		11/12/25 04:20	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.727	0.166	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Arsenic	**0.721**	**B**	0.436	0.0389	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Barium	**19.7**		1.82	0.0103	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Beryllium	**0.0937**	**J**	0.363	0.0255	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Cadmium	**0.0676**	**J**	0.363	0.0118	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Chromium	**6.30**		0.727	0.150	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Cobalt	**3.10**		0.545	0.0206	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Copper	**17.2**		0.363	0.0378	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Lead	**22.1**		0.363	0.0429	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Manganese	**72.0**	**B**	0.727	0.0447	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Nickel	**9.61**		0.727	0.0190	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Selenium	**0.640**	**J B**	1.82	0.129	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Silver	**0.0223**	**J**	0.182	0.00211	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Thallium	ND		0.509	0.0306	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Vanadium	**14.4**	**B**	0.727	0.0912	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5
Zinc	**41.4**		1.82	1.51	mg/Kg	☼	11/14/25 08:27	11/14/25 23:00	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.141	0.0206	mg/Kg	☼	11/11/25 13:34	11/12/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.175**	**J**	1.36	0.136	mg/Kg	☼	11/11/25 10:27	11/18/25 00:53	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.451**	**J F1**	1.41	0.451	mg/Kg	☼		11/17/25 13:36	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-6
Date Collected: 11/05/25 13:20
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-2
Matrix: Solid
Percent Solids: 77.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0278	0.0134	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Benzene	ND		0.00556	0.000746	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Bromobenzene	ND		0.00556	0.00145	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Chlorobromomethane	ND		0.00556	0.000901	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Dichlorobromomethane	ND		0.00556	0.00102	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Bromoform	ND		0.00556	0.00145	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Bromomethane	ND		0.00556	0.00278	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
2-Butanone (MEK)	ND		0.0278	0.00668	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
n-Butylbenzene	ND		0.00556	0.00107	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
sec-Butylbenzene	ND		0.00556	0.00106	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
tert-Butylbenzene	ND		0.00556	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Carbon disulfide	ND		0.00556	0.00282	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Carbon tetrachloride	ND		0.00556	0.00189	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Chlorobenzene	ND		0.00556	0.00147	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Chloroethane	ND		0.00556	0.00367	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Chloroform	ND		0.00556	0.00151	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Chloromethane	ND		0.00556	0.00246	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
2-Chlorotoluene	ND		0.00556	0.00185	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
4-Chlorotoluene	ND		0.00556	0.00109	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Chlorodibromomethane	ND		0.00556	0.00134	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2-Dibromo-3-Chloropropane	ND		0.00556	0.00367	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Ethylene Dibromide	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Dibromomethane	ND		0.00556	0.000924	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2-Dichlorobenzene	ND		0.00556	0.00177	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,3-Dichlorobenzene	ND		0.00556	0.00106	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,4-Dichlorobenzene	ND		0.00556	0.000957	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
trans-1,4-Dichloro-2-butene	ND		0.00556	0.00278	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1-Dichloroethane	ND		0.00556	0.000924	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2-Dichloroethane	ND		0.00556	0.00205	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
cis-1,2-Dichloroethene	ND		0.00556	0.000846	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
trans-1,2-Dichloroethene	ND		0.00556	0.00107	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1-Dichloroethene	ND		0.00556	0.00234	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2-Dichloropropane	ND		0.00556	0.000846	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,3-Dichloropropane	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
2,2-Dichloropropane	ND		0.00556	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1-Dichloropropene	ND		0.00556	0.000924	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
cis-1,3-Dichloropropene	ND		0.00556	0.00134	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
trans-1,3-Dichloropropene	ND		0.00556	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Ethylbenzene	ND		0.00556	0.000679	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Hexachlorobutadiene	ND	*+	0.00556	0.00278	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
2-Hexanone	ND		0.0278	0.00556	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Iodomethane	ND		0.00556	0.00378	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Isopropylbenzene	ND		0.00556	0.000757	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
4-Isopropyltoluene	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Methylene Chloride	ND		0.0167	0.0111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.0278	0.0149	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Methyl tert-butyl ether	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Naphthalene	ND		0.00556	0.00334	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
N-Propylbenzene	ND		0.00556	0.00100	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1

Client Sample ID: SED-6
Date Collected: 11/05/25 13:20
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-2
Matrix: Solid
Percent Solids: 77.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1,1,2-Tetrachloroethane	ND		0.00556	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.00556	0.00191	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Tetrachloroethene	ND		0.00556	0.00334	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Toluene	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2,3-Trichlorobenzene	ND	*+	0.00556	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2,4-Trichlorobenzene	ND		0.00556	0.00224	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1,1-Trichloroethane	ND		0.00556	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1,2-Trichloroethane	ND		0.00556	0.00179	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Trichloroethene	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Trichlorofluoromethane	ND		0.00556	0.00269	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2,3-Trichloropropane	ND		0.00556	0.00231	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00556	0.00209	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,2,4-Trimethylbenzene	ND		0.00556	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
1,3,5-Trimethylbenzene	ND		0.00556	0.000924	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Vinyl acetate	ND		0.0278	0.00710	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Vinyl chloride	ND		0.00556	0.00243	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
o-Xylene	ND		0.00556	0.00334	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
m-Xylene & p-Xylene	ND		0.00556	0.00334	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Xylenes, Total	ND		0.0111	0.00668	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Isopropyl ether	ND		0.00556	0.00154	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Hexane	ND		0.00556	0.00289	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
n-Heptane	ND		0.00556	0.00322	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1
Ethyl acetate	ND		0.0223	0.00556	mg/Kg	☼	11/11/25 11:18	11/11/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:20*	*1*
Dibromofluoromethane	*98*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:20*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:20*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00309	0.00309	mg/Kg	☼	11/10/25 13:12	11/12/25 17:40	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*11/10/25 13:12*	*11/12/25 17:40*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.422	0.0123	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,4,5-Trichlorophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,4,6-Trichlorophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,4-Dichlorophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,4-Dimethylphenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,4-Dinitrophenol	ND		1.26	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,4-Dinitrotoluene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2,6-Dinitrotoluene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2-Chloronaphthalene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2-Chlorophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2-Methylnaphthalene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-6
Date Collected: 11/05/25 13:20
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-2
Matrix: Solid
Percent Solids: 77.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2-Nitroaniline	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
2-Nitrophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
3 & 4 Methylphenol	ND		0.843	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
3,3'-Dichlorobenzidine	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
3-Nitroaniline	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4,6-Dinitro-2-methylphenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4-Bromophenyl phenyl ether	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4-Chloro-3-methylphenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4-Chloroaniline	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4-Chlorophenyl phenyl ether	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4-Nitroaniline	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
4-Nitrophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Acenaphthene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Acenaphthylene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Acetophenone	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Anthracene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Atrazine	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Benzaldehyde	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Benzo[a]anthracene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Benzo[a]pyrene	**0.0432**	**J**	0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Benzo[b]fluoranthene	**0.0551**	**J**	0.422	0.00179	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Benzo[g,h,i]perylene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Benzo[k]fluoranthene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
bis (2-chloroisopropyl) ether	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Bis(2-chloroethoxy)methane	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Bis(2-chloroethyl)ether	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Bis(2-ethylhexyl) phthalate	ND		0.422	0.128	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Butyl benzyl phthalate	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Caprolactam	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Carbazole	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Chrysene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Dibenz(a,h)anthracene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Dibenzofuran	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Diethyl phthalate	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Dimethyl phthalate	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Di-n-butyl phthalate	ND		1.26	0.383	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Di-n-octyl phthalate	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Fluoranthene	**0.0502**	**J**	0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Fluorene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Hexachlorobenzene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Hexachlorobutadiene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Hexachlorocyclopentadiene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Hexachloroethane	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Indeno[1,2,3-cd]pyrene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Isophorone	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Naphthalene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Nitrobenzene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
N-Nitrosodi-n-propylamine	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1

Client Sample ID: SED-6
Date Collected: 11/05/25 13:20
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-2
Matrix: Solid
Percent Solids: 77.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Pentachlorophenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Phenanthrene	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Phenol	ND		0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1
Pyrene	**0.0486**	**J**	0.422	0.0422	mg/Kg	☼	11/10/25 09:47	11/10/25 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:11*	*1*
2-Fluorobiphenyl (Surr)	*113*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:11*	*1*
2-Fluorophenol (Surr)	*130*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:11*	*1*
Nitrobenzene-d5 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:11*	*1*
Phenol-d5 (Surr)	*123*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:11*	*1*
Terphenyl-d14 (Surr)	*123*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:11*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.66**	**J**	3.21	0.930	mg/Kg	☼		11/12/25 04:31	1
Sulfate	**31.3**		12.8	12.6	mg/Kg	☼		11/12/25 04:31	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.607**	**J**	0.662	0.151	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Arsenic	**1.60**	**B**	0.397	0.0354	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Barium	**26.5**		1.65	0.00936	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Beryllium	**0.124**	**J**	0.331	0.0232	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Cadmium	**0.128**	**J**	0.331	0.0108	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Chromium	**8.83**		0.662	0.136	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Cobalt	**11.0**		0.496	0.0187	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Copper	**12.6**		0.331	0.0344	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Lead	**38.7**		0.331	0.0390	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Manganese	**146**	**B**	0.662	0.0407	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Nickel	**14.8**		0.662	0.0173	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Selenium	**0.504**	**J B**	1.65	0.117	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Silver	**0.0154**	**J**	0.165	0.00192	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Thallium	ND		0.463	0.0279	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Vanadium	**18.2**	**B**	0.662	0.0830	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5
Zinc	**58.3**		1.65	1.37	mg/Kg	☼	11/14/25 08:27	11/14/25 23:03	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.120	0.0176	mg/Kg	☼	11/11/25 13:34	11/12/25 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.17	0.117	mg/Kg	☼	11/11/25 10:27	11/18/25 01:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.27	0.406	mg/Kg	☼		11/17/25 13:44	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-7
Date Collected: 11/05/25 12:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-3
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0269		0.0261	0.0125	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Benzene	ND		0.00521	0.000698	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Bromobenzene	ND		0.00521	0.00136	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Chlorobromomethane	ND		0.00521	0.000844	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Dichlorobromomethane	ND		0.00521	0.000959	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Bromoform	ND		0.00521	0.00136	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Bromomethane	ND		0.00521	0.00261	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
2-Butanone (MEK)	ND		0.0261	0.00625	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
n-Butylbenzene	ND		0.00521	0.00100	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
sec-Butylbenzene	ND		0.00521	0.000990	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
tert-Butylbenzene	ND		0.00521	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Carbon disulfide	ND		0.00521	0.00264	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Carbon tetrachloride	ND		0.00521	0.00177	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Chlorobenzene	ND		0.00521	0.00138	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Chloroethane	ND		0.00521	0.00344	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Chloroform	ND		0.00521	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Chloromethane	ND		0.00521	0.00230	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
2-Chlorotoluene	ND		0.00521	0.00173	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
4-Chlorotoluene	ND		0.00521	0.00102	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Chlorodibromomethane	ND		0.00521	0.00125	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2-Dibromo-3-Chloropropane	ND		0.00521	0.00344	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Ethylene Dibromide	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Dibromomethane	ND		0.00521	0.000865	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2-Dichlorobenzene	ND		0.00521	0.00166	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,3-Dichlorobenzene	ND		0.00521	0.000990	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,4-Dichlorobenzene	ND		0.00521	0.000896	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
trans-1,4-Dichloro-2-butene	ND		0.00521	0.00261	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1-Dichloroethane	ND		0.00521	0.000865	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2-Dichloroethane	ND		0.00521	0.00192	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
cis-1,2-Dichloroethene	ND		0.00521	0.000792	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
trans-1,2-Dichloroethene	ND		0.00521	0.00100	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1-Dichloroethene	ND		0.00521	0.00219	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2-Dichloropropane	ND		0.00521	0.000792	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,3-Dichloropropane	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
2,2-Dichloropropane	ND		0.00521	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1-Dichloropropene	ND		0.00521	0.000865	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
cis-1,3-Dichloropropene	ND		0.00521	0.00125	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
trans-1,3-Dichloropropene	ND		0.00521	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Ethylbenzene	ND		0.00521	0.000636	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Hexachlorobutadiene	ND	*+	0.00521	0.00261	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
2-Hexanone	ND		0.0261	0.00521	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Iodomethane	ND		0.00521	0.00354	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Isopropylbenzene	ND		0.00521	0.000709	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
4-Isopropyltoluene	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Methylene Chloride	ND		0.0156	0.0104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.0261	0.0140	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Methyl tert-butyl ether	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Naphthalene	ND		0.00521	0.00313	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
N-Propylbenzene	ND		0.00521	0.000938	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1

Client Sample ID: SED-7
Date Collected: 11/05/25 12:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-3
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1,1,2-Tetrachloroethane	ND		0.00521	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1,2,2-Tetrachloroethane	ND		0.00521	0.00179	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Tetrachloroethene	ND		0.00521	0.00313	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Toluene	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2,3-Trichlorobenzene	ND	*+	0.00521	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2,4-Trichlorobenzene	ND		0.00521	0.00210	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1,1-Trichloroethane	ND		0.00521	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1,2-Trichloroethane	ND		0.00521	0.00168	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Trichloroethene	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Trichlorofluoromethane	ND		0.00521	0.00252	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2,3-Trichloropropane	ND		0.00521	0.00217	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00521	0.00196	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,2,4-Trimethylbenzene	ND		0.00521	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
1,3,5-Trimethylbenzene	ND		0.00521	0.000865	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Vinyl acetate	ND		0.0261	0.00665	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Vinyl chloride	ND		0.00521	0.00227	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
o-Xylene	ND		0.00521	0.00313	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
m-Xylene & p-Xylene	ND		0.00521	0.00313	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Xylenes, Total	ND		0.0104	0.00625	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Isopropyl ether	ND		0.00521	0.00144	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Hexane	ND		0.00521	0.00271	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
n-Heptane	ND		0.00521	0.00301	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1
Ethyl acetate	ND		0.0208	0.00521	mg/Kg	☼	11/11/25 11:18	11/11/25 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:48*	*1*
Dibromofluoromethane	*97*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:48*	*1*
Toluene-d8 (Surr)	*102*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*50 - 150*	*11/11/25 11:18*	*11/11/25 18:48*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00763	0.00763	mg/Kg	☼	11/10/25 13:12	11/12/25 18:01	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*46*		*10 - 150*	*11/10/25 13:12*	*11/12/25 18:01*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.400	0.0117	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,4,5-Trichlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,4,6-Trichlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,4-Dichlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,4-Dimethylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,4-Dinitrophenol	ND		1.20	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,4-Dinitrotoluene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2,6-Dinitrotoluene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2-Chloronaphthalene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2-Chlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2-Methylnaphthalene	**0.0455**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-7
Date Collected: 11/05/25 12:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-3
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2-Nitroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
2-Nitrophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
3 & 4 Methylphenol	ND		0.801	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
3,3'-Dichlorobenzidine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
3-Nitroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4,6-Dinitro-2-methylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4-Bromophenyl phenyl ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4-Chloro-3-methylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4-Chloroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4-Chlorophenyl phenyl ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4-Nitroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
4-Nitrophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Acenaphthene	**0.0431**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Acenaphthylene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Acetophenone	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Anthracene	**0.153**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Atrazine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Benzaldehyde	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Benzo[a]anthracene	**0.616**		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Benzo[a]pyrene	**0.507**		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Benzo[b]fluoranthene	**0.687**		0.400	0.00170	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Benzo[g,h,i]perylene	**0.327**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Benzo[k]fluoranthene	**0.265**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
bis (2-chloroisopropyl) ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Bis(2-chloroethoxy)methane	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Bis(2-chloroethyl)ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Bis(2-ethylhexyl) phthalate	ND		0.400	0.121	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Butyl benzyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Caprolactam	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Carbazole	**0.0921**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Chrysene	**0.545**		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Dibenz(a,h)anthracene	**0.0835**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Dibenzofuran	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Diethyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Dimethyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Di-n-butyl phthalate	ND		1.20	0.364	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Di-n-octyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Fluoranthene	**1.25**		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Fluorene	**0.0520**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Hexachlorobenzene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Hexachlorobutadiene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Hexachlorocyclopentadiene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Hexachloroethane	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Indeno[1,2,3-cd]pyrene	**0.344**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Isophorone	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Naphthalene	**0.0484**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Nitrobenzene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
N-Nitrosodi-n-propylamine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1

Client Sample ID: SED-7
Date Collected: 11/05/25 12:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-3
Matrix: Solid
Percent Solids: 77.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Pentachlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Phenanthrene	**0.761**		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Phenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1
Pyrene	**1.03**		0.400	0.0400	mg/Kg	☼	11/10/25 09:47	11/10/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:42*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:42*	*1*
2-Fluorophenol (Surr)	*112*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:42*	*1*
Nitrobenzene-d5 (Surr)	*107*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:42*	*1*
Phenol-d5 (Surr)	*113*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:42*	*1*
Terphenyl-d14 (Surr)	*109*		*40 - 140*	*11/10/25 09:47*	*11/10/25 20:42*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**4.49**		3.20	0.929	mg/Kg	☼		11/12/25 04:42	1
Sulfate	**16.4**		12.8	12.6	mg/Kg	☼		11/12/25 04:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0497**	**J**	0.140	0.0321	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Arsenic	**0.333**	**B**	0.0842	0.00751	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Barium	**13.0**		0.351	0.00199	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Beryllium	**0.0623**	**J**	0.0702	0.00492	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Cadmium	**0.0598**	**J**	0.0702	0.00229	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Chromium	**2.49**		0.140	0.0289	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Cobalt	**0.721**		0.105	0.00397	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Copper	**4.12**		0.0702	0.00730	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Lead	**11.2**		0.0702	0.00828	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Manganese	**23.3**	**B**	0.140	0.00863	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Nickel	**1.68**		0.140	0.00367	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Selenium	**0.102**	**J B**	0.351	0.0249	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Silver	**0.0101**	**J**	0.0351	0.000407	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Thallium	**0.0135**	**J**	0.0982	0.00591	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Vanadium	**3.51**	**B**	0.140	0.0176	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1
Zinc	**18.9**		0.351	0.291	mg/Kg	☼	11/14/25 08:27	11/14/25 23:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.140**		0.120	0.0176	mg/Kg	☼	11/11/25 13:34	11/12/25 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.746**	**J**	1.18	0.118	mg/Kg	☼	11/11/25 10:27	11/18/25 01:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.29	0.414	mg/Kg	☼		11/17/25 13:47	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-8
Date Collected: 11/05/25 11:30
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-4
Matrix: Solid
Percent Solids: 60.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0942		0.0456	0.0219	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Benzene	ND		0.00912	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Bromobenzene	ND		0.00912	0.00237	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Chlorobromomethane	ND		0.00912	0.00148	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Dichlorobromomethane	ND		0.00912	0.00168	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Bromoform	ND		0.00912	0.00237	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Bromomethane	ND		0.00912	0.00456	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
2-Butanone (MEK)	ND		0.0456	0.0109	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
n-Butylbenzene	ND		0.00912	0.00175	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
sec-Butylbenzene	ND		0.00912	0.00173	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
tert-Butylbenzene	ND		0.00912	0.00201	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Carbon disulfide	ND		0.00912	0.00462	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Carbon tetrachloride	ND		0.00912	0.00310	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Chlorobenzene	ND		0.00912	0.00241	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Chloroethane	ND		0.00912	0.00602	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Chloroform	ND		0.00912	0.00248	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Chloromethane	ND		0.00912	0.00403	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
2-Chlorotoluene	ND		0.00912	0.00303	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
4-Chlorotoluene	ND		0.00912	0.00179	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Chlorodibromomethane	ND		0.00912	0.00219	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2-Dibromo-3-Chloropropane	ND		0.00912	0.00602	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Ethylene Dibromide	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Dibromomethane	ND		0.00912	0.00151	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2-Dichlorobenzene	ND		0.00912	0.00290	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,3-Dichlorobenzene	ND		0.00912	0.00173	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,4-Dichlorobenzene	ND		0.00912	0.00157	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
trans-1,4-Dichloro-2-butene	ND		0.00912	0.00456	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1-Dichloroethane	ND		0.00912	0.00151	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2-Dichloroethane	ND		0.00912	0.00336	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
cis-1,2-Dichloroethene	ND		0.00912	0.00139	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
trans-1,2-Dichloroethene	ND		0.00912	0.00175	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1-Dichloroethene	ND		0.00912	0.00383	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2-Dichloropropane	ND		0.00912	0.00139	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,3-Dichloropropane	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
2,2-Dichloropropane	ND		0.00912	0.00201	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1-Dichloropropene	ND		0.00912	0.00151	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
cis-1,3-Dichloropropene	ND		0.00912	0.00219	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
trans-1,3-Dichloropropene	ND		0.00912	0.00201	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Ethylbenzene	ND		0.00912	0.00111	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Hexachlorobutadiene	ND	*+	0.00912	0.00456	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
2-Hexanone	ND		0.0456	0.00912	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Iodomethane	ND		0.00912	0.00620	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Isopropylbenzene	ND		0.00912	0.00124	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
4-Isopropyltoluene	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Methylene Chloride	ND		0.0274	0.0182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		0.0456	0.0245	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Methyl tert-butyl ether	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Naphthalene	ND		0.00912	0.00547	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
N-Propylbenzene	ND		0.00912	0.00164	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1

Client Sample ID: SED-8
Date Collected: 11/05/25 11:30
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-4
Matrix: Solid
Percent Solids: 60.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1,1,2-Tetrachloroethane	ND		0.00912	0.00201	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1,2,2-Tetrachloroethane	ND		0.00912	0.00314	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Tetrachloroethene	ND		0.00912	0.00547	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Toluene	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2,3-Trichlorobenzene	ND	*+	0.00912	0.00201	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2,4-Trichlorobenzene	ND		0.00912	0.00367	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1,1-Trichloroethane	ND		0.00912	0.00201	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1,2-Trichloroethane	ND		0.00912	0.00294	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Trichloroethene	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Trichlorofluoromethane	ND		0.00912	0.00442	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2,3-Trichloropropane	ND		0.00912	0.00380	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00912	0.00343	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,2,4-Trimethylbenzene	ND		0.00912	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
1,3,5-Trimethylbenzene	ND		0.00912	0.00151	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Vinyl acetate	ND		0.0456	0.0116	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Vinyl chloride	ND		0.00912	0.00398	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
o-Xylene	ND		0.00912	0.00547	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
m-Xylene & p-Xylene	ND		0.00912	0.00547	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Xylenes, Total	ND		0.0182	0.0109	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Isopropyl ether	ND		0.00912	0.00252	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Hexane	ND		0.00912	0.00474	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
n-Heptane	ND		0.00912	0.00527	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1
Ethyl acetate	ND		0.0365	0.00912	mg/Kg	☼	11/11/25 11:18	11/11/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:15*	*1*
Dibromofluoromethane	*99*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:15*	*1*
Toluene-d8 (Surr)	*102*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:15*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00398	0.00398	mg/Kg	☼	11/10/25 13:12	11/12/25 18:23	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*11/10/25 13:12*	*11/12/25 18:23*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.537	0.0156	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,4,5-Trichlorophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,4,6-Trichlorophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,4-Dichlorophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,4-Dimethylphenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,4-Dinitrophenol	ND		1.61	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,4-Dinitrotoluene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2,6-Dinitrotoluene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2-Chloronaphthalene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2-Chlorophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2-Methylnaphthalene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1

Client Sample ID: SED-8
Date Collected: 11/05/25 11:30
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-4
Matrix: Solid
Percent Solids: 60.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2-Nitroaniline	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
2-Nitrophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
3 & 4 Methylphenol	ND		1.07	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
3,3'-Dichlorobenzidine	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
3-Nitroaniline	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4,6-Dinitro-2-methylphenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4-Bromophenyl phenyl ether	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4-Chloro-3-methylphenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4-Chloroaniline	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4-Chlorophenyl phenyl ether	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4-Nitroaniline	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
4-Nitrophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Acenaphthene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Acenaphthylene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Acetophenone	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Anthracene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Atrazine	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Benzaldehyde	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Benzo[a]anthracene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Benzo[a]pyrene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Benzo[b]fluoranthene	**0.0786**	**J**	0.537	0.00228	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Benzo[g,h,i]perylene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Benzo[k]fluoranthene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
bis (2-chloroisopropyl) ether	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Bis(2-chloroethoxy)methane	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Bis(2-chloroethyl)ether	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Bis(2-ethylhexyl) phthalate	ND		0.537	0.163	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Butyl benzyl phthalate	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Caprolactam	**0.412**	**J**	0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Carbazole	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Chrysene	**0.0633**	**J**	0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Dibenz(a,h)anthracene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Dibenzofuran	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Diethyl phthalate	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Dimethyl phthalate	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Di-n-butyl phthalate	ND		1.61	0.488	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Di-n-octyl phthalate	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Fluoranthene	**0.113**	**J**	0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Fluorene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Hexachlorobenzene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Hexachlorobutadiene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Hexachlorocyclopentadiene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Hexachloroethane	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Indeno[1,2,3-cd]pyrene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Isophorone	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Naphthalene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Nitrobenzene	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
N-Nitrosodi-n-propylamine	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1

Client Sample ID: SED-8
Date Collected: 11/05/25 11:30
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-4
Matrix: Solid
Percent Solids: 60.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Pentachlorophenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Phenanthrene	**0.0647**	**J**	0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Phenol	ND		0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1
Pyrene	**0.102**	**J**	0.537	0.0537	mg/Kg	☼	11/10/25 09:47	11/10/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:12*	*1*
2-Fluorobiphenyl (Surr)	*108*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:12*	*1*
2-Fluorophenol (Surr)	*117*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:12*	*1*
Nitrobenzene-d5 (Surr)	*108*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:12*	*1*
Phenol-d5 (Surr)	*109*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:12*	*1*
Terphenyl-d14 (Surr)	*118*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**5.45**		4.13	1.20	mg/Kg	☼		11/13/25 17:11	1
Sulfate	ND		16.5	16.2	mg/Kg	☼		11/13/25 17:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.363**	**J F1**	0.850	0.194	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Arsenic	**1.13**	**B**	0.510	0.0455	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Barium	**39.6**		2.13	0.0120	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Beryllium	**0.155**	**J**	0.425	0.0298	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Cadmium	**0.128**	**J**	0.425	0.0139	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Chromium	**7.35**		0.850	0.175	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Cobalt	**2.90**		0.638	0.0241	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Copper	**14.1**		0.425	0.0442	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Lead	**38.0**		0.425	0.0502	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Manganese	**143**	**B**	0.850	0.0523	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Nickel	**7.44**		0.850	0.0222	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Selenium	**0.527**	**J B**	2.13	0.151	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Silver	**0.0262**	**J**	0.213	0.00247	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Thallium	**0.0421**	**J**	0.595	0.0358	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Vanadium	**12.3**	**B**	0.850	0.107	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5
Zinc	**64.9**		2.13	1.76	mg/Kg	☼	11/13/25 13:42	11/14/25 22:51	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0485**	**J**	0.156	0.0228	mg/Kg	☼	11/13/25 09:45	11/14/25 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.357**	**J**	1.55	0.155	mg/Kg	☼	11/11/25 10:27	11/18/25 01:57	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.823**	**J**	1.65	0.527	mg/Kg	☼		11/17/25 13:49	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-9
Date Collected: 11/05/25 10:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-5
Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0379		0.0275	0.0132	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Benzene	ND		0.00550	0.000737	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Bromobenzene	ND		0.00550	0.00143	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Chlorobromomethane	ND		0.00550	0.000890	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Dichlorobromomethane	ND		0.00550	0.00101	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Bromoform	ND		0.00550	0.00143	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Bromomethane	ND		0.00550	0.00275	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
2-Butanone (MEK)	ND		0.0275	0.00660	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
n-Butylbenzene	ND		0.00550	0.00106	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
sec-Butylbenzene	ND		0.00550	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
tert-Butylbenzene	ND		0.00550	0.00121	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Carbon disulfide	ND		0.00550	0.00278	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Carbon tetrachloride	ND		0.00550	0.00187	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Chlorobenzene	ND		0.00550	0.00145	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Chloroethane	ND		0.00550	0.00363	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Chloroform	ND		0.00550	0.00149	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Chloromethane	ND		0.00550	0.00243	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
2-Chlorotoluene	ND		0.00550	0.00182	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
4-Chlorotoluene	ND		0.00550	0.00108	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Chlorodibromomethane	ND		0.00550	0.00132	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2-Dibromo-3-Chloropropane	ND		0.00550	0.00363	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Ethylene Dibromide	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Dibromomethane	ND		0.00550	0.000912	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2-Dichlorobenzene	ND		0.00550	0.00175	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,3-Dichlorobenzene	ND		0.00550	0.00104	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,4-Dichlorobenzene	ND		0.00550	0.000945	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
trans-1,4-Dichloro-2-butene	ND		0.00550	0.00275	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1-Dichloroethane	ND		0.00550	0.000912	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2-Dichloroethane	ND		0.00550	0.00202	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
cis-1,2-Dichloroethene	ND		0.00550	0.000835	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
trans-1,2-Dichloroethene	ND		0.00550	0.00106	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1-Dichloroethene	ND		0.00550	0.00231	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2-Dichloropropane	ND		0.00550	0.000835	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,3-Dichloropropane	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
2,2-Dichloropropane	ND		0.00550	0.00121	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1-Dichloropropene	ND		0.00550	0.000912	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
cis-1,3-Dichloropropene	ND		0.00550	0.00132	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
trans-1,3-Dichloropropene	ND		0.00550	0.00121	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Ethylbenzene	ND		0.00550	0.000671	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Hexachlorobutadiene	ND	*+	0.00550	0.00275	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
2-Hexanone	ND		0.0275	0.00550	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Iodomethane	ND		0.00550	0.00374	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Isopropylbenzene	ND		0.00550	0.000747	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
4-Isopropyltoluene	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Methylene Chloride	ND		0.0165	0.0110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.0275	0.0148	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Methyl tert-butyl ether	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Naphthalene	ND		0.00550	0.00330	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
N-Propylbenzene	ND		0.00550	0.000989	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1

Client Sample ID: SED-9
Date Collected: 11/05/25 10:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-5
Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1,1,2-Tetrachloroethane	ND		0.00550	0.00121	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1,2,2-Tetrachloroethane	ND		0.00550	0.00189	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Tetrachloroethene	ND		0.00550	0.00330	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Toluene	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2,3-Trichlorobenzene	ND	*+	0.00550	0.00121	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2,4-Trichlorobenzene	ND		0.00550	0.00221	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1,1-Trichloroethane	ND		0.00550	0.00121	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1,2-Trichloroethane	ND		0.00550	0.00177	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Trichloroethene	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Trichlorofluoromethane	ND		0.00550	0.00266	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2,3-Trichloropropane	ND		0.00550	0.00229	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00550	0.00207	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,2,4-Trimethylbenzene	ND		0.00550	0.00110	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
1,3,5-Trimethylbenzene	ND		0.00550	0.000912	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Vinyl acetate	ND		0.0275	0.00701	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Vinyl chloride	ND		0.00550	0.00240	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
o-Xylene	ND		0.00550	0.00330	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
m-Xylene & p-Xylene	ND		0.00550	0.00330	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Xylenes, Total	ND		0.0110	0.00660	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Isopropyl ether	ND		0.00550	0.00152	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Hexane	ND		0.00550	0.00286	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
n-Heptane	ND		0.00550	0.00318	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1
Ethyl acetate	ND		0.0220	0.00550	mg/Kg	☼	11/11/25 11:18	11/11/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:43*	*1*
Dibromofluoromethane	*97*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:43*	*1*
Toluene-d8 (Surr)	*99*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*50 - 150*	*11/11/25 11:18*	*11/11/25 19:43*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00287	0.00287	mg/Kg	☼	11/10/25 13:12	11/12/25 18:44	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*10 - 150*	*11/10/25 13:12*	*11/12/25 18:44*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.395	0.0115	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,4,5-Trichlorophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,4,6-Trichlorophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,4-Dichlorophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,4-Dimethylphenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,4-Dinitrophenol	ND		1.19	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,4-Dinitrotoluene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2,6-Dinitrotoluene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2-Chloronaphthalene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2-Chlorophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2-Methylnaphthalene	**0.0661**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-9
Date Collected: 11/05/25 10:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-5
Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2-Nitroaniline	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
2-Nitrophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
3 & 4 Methylphenol	ND		0.791	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
3,3'-Dichlorobenzidine	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
3-Nitroaniline	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4,6-Dinitro-2-methylphenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4-Bromophenyl phenyl ether	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4-Chloro-3-methylphenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4-Chloroaniline	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4-Chlorophenyl phenyl ether	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4-Nitroaniline	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
4-Nitrophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Acenaphthene	**0.0740**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Acenaphthylene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Acetophenone	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Anthracene	**0.223**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Atrazine	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Benzaldehyde	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Benzo[a]anthracene	**0.861**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Benzo[a]pyrene	**0.777**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Benzo[b]fluoranthene	**1.04**		0.395	0.00168	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Benzo[g,h,i]perylene	**0.507**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Benzo[k]fluoranthene	**0.393**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
bis (2-chloroisopropyl) ether	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Bis(2-chloroethoxy)methane	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Bis(2-chloroethyl)ether	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Bis(2-ethylhexyl) phthalate	ND		0.395	0.120	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Butyl benzyl phthalate	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Caprolactam	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Carbazole	**0.0953**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Chrysene	**0.865**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Dibenz(a,h)anthracene	**0.129**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Dibenzofuran	**0.0409**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Diethyl phthalate	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Dimethyl phthalate	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Di-n-butyl phthalate	ND		1.19	0.359	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Di-n-octyl phthalate	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Fluoranthene	**1.90**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Fluorene	**0.0655**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Hexachlorobenzene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Hexachlorobutadiene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Hexachlorocyclopentadiene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Hexachloroethane	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Indeno[1,2,3-cd]pyrene	**0.533**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Isophorone	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Naphthalene	**0.0553**	**J**	0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Nitrobenzene	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
N-Nitrosodi-n-propylamine	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1

Client Sample ID: SED-9
Date Collected: 11/05/25 10:45
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-5
Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Pentachlorophenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Phenanthrene	**1.07**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Phenol	ND		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1
Pyrene	**1.56**		0.395	0.0395	mg/Kg	☼	11/10/25 09:47	11/10/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:42*	*1*
2-Fluorobiphenyl (Surr)	*109*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:42*	*1*
2-Fluorophenol (Surr)	*114*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:42*	*1*
Nitrobenzene-d5 (Surr)	*108*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:42*	*1*
Phenol-d5 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:42*	*1*
Terphenyl-d14 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 21:42*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.76**	**J**	3.05	0.884	mg/Kg	☼		11/12/25 04:54	1
Sulfate	ND		12.2	12.0	mg/Kg	☼		11/12/25 04:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.283**	**J**	0.748	0.171	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Arsenic	**2.14**	**B**	0.449	0.0400	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Barium	**65.9**		1.87	0.0106	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Beryllium	**0.343**	**J**	0.374	0.0262	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Cadmium	**0.249**	**J**	0.374	0.0122	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Chromium	**13.2**		0.748	0.154	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Cobalt	**4.34**		0.561	0.0212	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Copper	**18.8**		0.374	0.0389	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Lead	**72.9**		0.374	0.0442	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Manganese	**161**	**B**	0.748	0.0460	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Nickel	**8.58**		0.748	0.0196	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Selenium	**0.670**	**J B**	1.87	0.133	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Silver	**0.0455**	**J**	0.187	0.00217	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Thallium	**0.0743**	**J**	0.524	0.0315	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Vanadium	**18.0**	**B**	0.748	0.0939	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5
Zinc	**78.2**		1.87	1.55	mg/Kg	☼	11/14/25 08:27	11/14/25 23:07	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0367**	**J**	0.114	0.0166	mg/Kg	☼	11/11/25 13:34	11/12/25 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.518**	**J**	1.22	0.122	mg/Kg	☼	11/11/25 10:27	11/18/25 02:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.20	0.383	mg/Kg	☼		11/17/25 13:52	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: SED-Dup
Date Collected: 11/05/25 00:00
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-6
Matrix: Solid
Percent Solids: 73.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0369		0.0356	0.0171	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Benzene	ND		0.00711	0.000953	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Bromobenzene	ND		0.00711	0.00185	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Chlorobromomethane	ND		0.00711	0.00115	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Dichlorobromomethane	ND		0.00711	0.00131	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Bromoform	ND		0.00711	0.00185	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Bromomethane	ND		0.00711	0.00356	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
2-Butanone (MEK)	ND		0.0356	0.00853	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
n-Butylbenzene	ND		0.00711	0.00137	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
sec-Butylbenzene	ND		0.00711	0.00135	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
tert-Butylbenzene	ND		0.00711	0.00156	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Carbon disulfide	ND		0.00711	0.00360	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Carbon tetrachloride	ND		0.00711	0.00242	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Chlorobenzene	ND		0.00711	0.00188	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Chloroethane	ND		0.00711	0.00469	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Chloroform	ND		0.00711	0.00193	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Chloromethane	ND		0.00711	0.00314	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
2-Chlorotoluene	ND		0.00711	0.00236	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
4-Chlorotoluene	ND		0.00711	0.00139	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Chlorodibromomethane	ND		0.00711	0.00171	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2-Dibromo-3-Chloropropane	ND		0.00711	0.00469	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Ethylene Dibromide	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Dibromomethane	ND		0.00711	0.00118	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2-Dichlorobenzene	ND		0.00711	0.00226	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,3-Dichlorobenzene	ND		0.00711	0.00135	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,4-Dichlorobenzene	ND		0.00711	0.00122	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
trans-1,4-Dichloro-2-butene	ND		0.00711	0.00356	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1-Dichloroethane	ND		0.00711	0.00118	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2-Dichloroethane	ND		0.00711	0.00262	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
cis-1,2-Dichloroethene	ND		0.00711	0.00108	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
trans-1,2-Dichloroethene	ND		0.00711	0.00137	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1-Dichloroethene	ND		0.00711	0.00299	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2-Dichloropropane	ND		0.00711	0.00108	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,3-Dichloropropane	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
2,2-Dichloropropane	ND		0.00711	0.00156	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1-Dichloropropene	ND		0.00711	0.00118	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
cis-1,3-Dichloropropene	ND		0.00711	0.00171	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
trans-1,3-Dichloropropene	ND		0.00711	0.00156	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Ethylbenzene	ND		0.00711	0.000868	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Hexachlorobutadiene	ND	*+	0.00711	0.00356	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
2-Hexanone	ND		0.0356	0.00711	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Iodomethane	ND		0.00711	0.00484	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Isopropylbenzene	ND		0.00711	0.000967	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
4-Isopropyltoluene	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Methylene Chloride	ND		0.0213	0.0142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.0356	0.0191	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Methyl tert-butyl ether	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Naphthalene	ND		0.00711	0.00427	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
N-Propylbenzene	ND		0.00711	0.00128	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1

Client Sample ID: SED-Dup
Date Collected: 11/05/25 00:00
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-6
Matrix: Solid
Percent Solids: 73.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1,1,2-Tetrachloroethane	ND		0.00711	0.00156	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1,2,2-Tetrachloroethane	ND		0.00711	0.00245	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Tetrachloroethene	ND		0.00711	0.00427	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Toluene	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2,3-Trichlorobenzene	ND	*+	0.00711	0.00156	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2,4-Trichlorobenzene	ND		0.00711	0.00286	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1,1-Trichloroethane	ND		0.00711	0.00156	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1,2-Trichloroethane	ND		0.00711	0.00229	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Trichloroethene	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Trichlorofluoromethane	ND		0.00711	0.00344	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2,3-Trichloropropane	ND		0.00711	0.00296	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00711	0.00267	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,2,4-Trimethylbenzene	ND		0.00711	0.00142	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
1,3,5-Trimethylbenzene	ND		0.00711	0.00118	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Vinyl acetate	ND		0.0356	0.00908	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Vinyl chloride	ND		0.00711	0.00310	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
o-Xylene	ND		0.00711	0.00427	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
m-Xylene & p-Xylene	ND		0.00711	0.00427	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Xylenes, Total	ND		0.0142	0.00853	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Isopropyl ether	ND		0.00711	0.00196	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Hexane	ND		0.00711	0.00370	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
n-Heptane	ND		0.00711	0.00411	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1
Ethyl acetate	ND		0.0284	0.00711	mg/Kg	☼	11/11/25 11:18	11/11/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*50 - 150*	*11/11/25 11:18*	*11/11/25 20:10*	*1*
Dibromofluoromethane	*98*		*50 - 150*	*11/11/25 11:18*	*11/11/25 20:10*	*1*
Toluene-d8 (Surr)	*100*		*50 - 150*	*11/11/25 11:18*	*11/11/25 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*50 - 150*	*11/11/25 11:18*	*11/11/25 20:10*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00805	0.00805	mg/Kg	☼	11/10/25 13:12	11/12/25 19:05	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*11/10/25 13:12*	*11/12/25 19:05*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.440	0.0128	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,4,5-Trichlorophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,4,6-Trichlorophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,4-Dichlorophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,4-Dimethylphenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,4-Dinitrophenol	ND		1.32	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,4-Dinitrotoluene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2,6-Dinitrotoluene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2-Chloronaphthalene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2-Chlorophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2-Methylnaphthalene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1

Client Sample ID: SED-Dup
Date Collected: 11/05/25 00:00
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-6
Matrix: Solid
Percent Solids: 73.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2-Nitroaniline	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
2-Nitrophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
3 & 4 Methylphenol	ND		0.880	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
3,3'-Dichlorobenzidine	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
3-Nitroaniline	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4,6-Dinitro-2-methylphenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4-Bromophenyl phenyl ether	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4-Chloro-3-methylphenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4-Chloroaniline	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4-Chlorophenyl phenyl ether	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4-Nitroaniline	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
4-Nitrophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Acenaphthene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Acenaphthylene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Acetophenone	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Anthracene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Atrazine	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Benzaldehyde	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Benzo[a]anthracene	**0.173**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Benzo[a]pyrene	**0.177**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Benzo[b]fluoranthene	**0.248**	**J**	0.440	0.00187	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Benzo[g,h,i]perylene	**0.127**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Benzo[k]fluoranthene	**0.0933**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
bis (2-chloroisopropyl) ether	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Bis(2-chloroethoxy)methane	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Bis(2-chloroethyl)ether	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Bis(2-ethylhexyl) phthalate	ND		0.440	0.133	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Butyl benzyl phthalate	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Caprolactam	**0.0894**	**J I**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Carbazole	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Chrysene	**0.193**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Dibenz(a,h)anthracene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Dibenzofuran	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Diethyl phthalate	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Dimethyl phthalate	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Di-n-butyl phthalate	ND		1.32	0.400	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Di-n-octyl phthalate	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Fluoranthene	**0.406**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Fluorene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Hexachlorobenzene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Hexachlorobutadiene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Hexachlorocyclopentadiene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Hexachloroethane	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Indeno[1,2,3-cd]pyrene	**0.132**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Isophorone	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Naphthalene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Nitrobenzene	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
N-Nitrosodi-n-propylamine	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1

Client Sample ID: SED-Dup
Date Collected: 11/05/25 00:00
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-6
Matrix: Solid
Percent Solids: 73.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Pentachlorophenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Phenanthrene	**0.140**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Phenol	ND		0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1
Pyrene	**0.317**	**J**	0.440	0.0440	mg/Kg	☼	11/10/25 09:47	11/10/25 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:12*	*1*
2-Fluorobiphenyl (Surr)	*106*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:12*	*1*
2-Fluorophenol (Surr)	*118*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:12*	*1*
Nitrobenzene-d5 (Surr)	*108*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:12*	*1*
Phenol-d5 (Surr)	*114*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:12*	*1*
Terphenyl-d14 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 22:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.99**	**J**	3.37	0.977	mg/Kg	☼		11/12/25 05:05	1
Sulfate	**14.5**		13.5	13.2	mg/Kg	☼		11/12/25 05:05	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	0.799	0.182	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Arsenic	**0.724**		0.479	0.0427	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Barium	**22.8**	**F1**	2.00	0.0113	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Beryllium	**0.105**	**J**	0.399	0.0280	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Cadmium	**0.0980**	**J**	0.399	0.0130	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Chromium	**8.77**	**F2 F1**	0.799	0.165	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Cobalt	**2.45**	**F1**	0.599	0.0226	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Copper	**10.4**		0.399	0.0415	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Lead	**28.6**	**F2 F1**	0.399	0.0471	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Manganese	**75.2**		0.799	0.0491	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Nickel	**7.30**	**F1**	0.799	0.0209	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Selenium	**0.838**	**J B**	2.00	0.142	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Silver	**0.0134**	**J**	0.200	0.00232	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Thallium	ND		0.559	0.0337	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Vanadium	**8.43**		0.799	0.100	mg/Kg	☼	11/12/25 09:30	11/14/25 23:29	5
Zinc	**56.9**	**F2**	2.00	1.66	mg/Kg	☼	11/12/25 09:30	11/15/25 17:12	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.130	0.0190	mg/Kg	☼	11/11/25 13:34	11/12/25 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.35	0.135	mg/Kg	☼	11/11/25 10:27	11/18/25 02:22	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.33	0.424	mg/Kg	☼		11/17/25 13:55	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: Trip Blank
Date Collected: 11/05/25 00:00
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 17:26	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 17:26	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 17:26	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 17:26	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 17:26	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 17:26	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 17:26	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 17:26	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 17:26	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 17:26	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 17:26	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 17:26	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 17:26	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 17:26	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 17:26	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 17:26	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 17:26	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 17:26	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 17:26	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 17:26	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 17:26	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 17:26	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 17:26	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 17:26	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 17:26	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 17:26	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 17:26	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 17:26	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 17:26	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 17:26	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 17:26	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 17:26	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 17:26	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 17:26	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 17:26	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 17:26	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 17:26	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 17:26	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 17:26	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 17:26	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 17:26	1

Client Sample ID: Trip Blank
Date Collected: 11/05/25 00:00
Date Received: 11/05/25 16:05

Lab Sample ID: 752-38922-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 17:26	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 17:26	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 17:26	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 17:26	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 17:26	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 17:26	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 17:26	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 17:26	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 17:26	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 17:26	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 17:26	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 17:26	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 17:26	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 17:26	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 17:26	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 17:26	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 17:26	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 17:26	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 17:26	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 17:26	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 17:26	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*56 - 136*		*11/11/25 17:26*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*11/11/25 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/11/25 17:26*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*11/11/25 17:26*	*1*

Surrogate Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	TOL	DCA
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)
752-38922-1	SED-5	94	97	101	110
752-38922-2	SED-6	94	98	101	111
752-38922-3	SED-7	95	97	102	110
752-38922-4	SED-8	95	99	102	112
752-38922-5	SED-9	96	97	99	111
752-38922-6	SED-Dup	93	98	100	110
LCS 400-730115/1-A	Lab Control Sample	91	93	104	91
MB 400-730115/2-A	Method Blank	93	96	103	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-38922-7	Trip Blank	109	99	108	96
LCS 400-730038/1003	Lab Control Sample	99	103	109	92
MB 400-730038/5	Method Blank	107	99	105	97

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-38922-1	SED-5	93	110	119	108	119	118
752-38922-2	SED-6	94	113	130	115	123	123
752-38922-3	SED-7	77	107	112	107	113	109
752-38922-4	SED-8	73	108	117	108	109	118
752-38922-5	SED-9	61	109	114	108	115	115
752-38922-6	SED-Dup	77	106	118	108	114	115
LCS 400-729893/2-A	Lab Control Sample	126	113	121	118	114	117
MB 400-729893/1-A	Method Blank	111	115	123	115	123	128

Surrogate Legend

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

Surrogate Summary

Client: S&ME Inc
Job ID: 752-38922-1
Project/Site: Lyon Park

TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-150)						
752-38922-1	SED-5	54						
752-38922-1 MS	SED-5	60						
752-38922-1 MSD	SED-5	54						
752-38922-2	SED-6	55						
752-38922-3	SED-7	46						
752-38922-4	SED-8	47						
752-38922-5	SED-9	48						
752-38922-6	SED-Dup	49						
LCS 400-729961/2-A	Lab Control Sample	63						
MB 400-729961/1-A	Method Blank	55						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730038/5
Matrix: Water
Analysis Batch: 730038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 10:14	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 10:14	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 10:14	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 10:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 10:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 10:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 10:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 10:14	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 10:14	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 10:14	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 10:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 10:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 10:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 10:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 10:14	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 10:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 10:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 10:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 10:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 10:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 10:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 10:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 10:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 10:14	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 10:14	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 10:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 10:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 10:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 10:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 10:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 10:14	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 10:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 10:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 10:14	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 10:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 10:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 10:14	1

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

Lab Sample ID: MB 400-730038/5
Matrix: Water
Analysis Batch: 730038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 10:14	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 10:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 10:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 10:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 10:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 10:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 10:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 10:14	1
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 10:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 10:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 10:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 10:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 10:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 10:14	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 10:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 10:14	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 10:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 10:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 10:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*11/11/25 10:14*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*11/11/25 10:14*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 10:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*11/11/25 10:14*	*1*

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	212.8		ug/L		106	43 - 150
Benzene	50.0	45.68		ug/L		91	70 - 130
Bromobenzene	50.0	46.56		ug/L		93	70 - 132
Bromoform	50.0	46.83		ug/L		94	57 - 140
Bromomethane	50.0	49.35		ug/L		99	10 - 150
2-Butanone (MEK)	200	219.0		ug/L		110	61 - 145
Chlorobromomethane	50.0	42.07		ug/L		84	70 - 130
Carbon disulfide	50.0	33.53		ug/L		67	61 - 137
Carbon tetrachloride	50.0	46.64		ug/L		93	61 - 137
Chlorobenzene	50.0	46.42		ug/L		93	70 - 130
Chloroethane	50.0	50.18		ug/L		100	55 - 141

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

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	50.0	47.82		ug/L		96	69 - 130
Chloromethane	50.0	36.21		ug/L		72	58 - 137
2-Chlorotoluene	50.0	44.61		ug/L		89	70 - 130
4-Chlorotoluene	50.0	49.81		ug/L		100	70 - 130
Chlorodibromomethane	50.0	46.43		ug/L		93	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	38.75		ug/L		78	54 - 135
Dibromomethane	50.0	45.00		ug/L		90	70 - 130
1,2-Dichlorobenzene	50.0	45.73		ug/L		91	67 - 130
1,3-Dichlorobenzene	50.0	48.27		ug/L		97	70 - 130
Dichlorobromomethane	50.0	48.74		ug/L		97	67 - 133
1,4-Dichlorobenzene	50.0	47.04		ug/L		94	70 - 130
1,1-Dichloroethane	50.0	45.02		ug/L		90	70 - 130
1,2-Dichloroethane	50.0	46.40		ug/L		93	69 - 130
cis-1,2-Dichloroethene	50.0	45.39		ug/L		91	68 - 130
1,1-Dichloroethene	50.0	41.21		ug/L		82	63 - 134
1,2-Dichloropropane	50.0	46.96		ug/L		94	70 - 130
1,3-Dichloropropane	50.0	44.76		ug/L		90	70 - 130
2,2-Dichloropropane	50.0	43.15		ug/L		86	52 - 135
1,1-Dichloropropene	50.0	43.88		ug/L		88	70 - 130
Ethylene Dibromide	50.0	43.94		ug/L		88	70 - 130
cis-1,3-Dichloropropene	50.0	44.99		ug/L		90	69 - 132
Ethylbenzene	50.0	46.92		ug/L		94	70 - 130
Hexachlorobutadiene	50.0	54.49		ug/L		109	53 - 140
2-Hexanone	200	197.1		ug/L		99	65 - 137
Iodomethane	50.0	15.35		ug/L		31	27 - 150
Isopropylbenzene	50.0	47.33		ug/L		95	70 - 130
4-Isopropyltoluene	50.0	49.30		ug/L		99	65 - 130
Methylene Chloride	50.0	37.80		ug/L		76	66 - 135
4-Methyl-2-pentanone (MIBK)	200	180.4		ug/L		90	69 - 138
Methyl tert-butyl ether	50.0	40.41		ug/L		81	66 - 130
Naphthalene	50.0	36.94		ug/L		74	47 - 149
n-Butylbenzene	50.0	46.33		ug/L		93	67 - 130
N-Propylbenzene	50.0	46.73		ug/L		93	70 - 130
sec-Butylbenzene	50.0	49.49		ug/L		99	66 - 130
Styrene	50.0	45.39		ug/L		91	70 - 130
tert-Butylbenzene	50.0	50.21		ug/L		100	64 - 139
1,1,1,2-Tetrachloroethane	50.0	48.34		ug/L		97	67 - 131
1,1,2,2-Tetrachloroethane	50.0	44.37		ug/L		89	70 - 131
Tetrachloroethene	50.0	47.22		ug/L		94	65 - 130
Toluene	50.0	42.92		ug/L		86	70 - 130
trans-1,4-Dichloro-2-butene	50.0	44.56		ug/L		89	57 - 140
trans-1,2-Dichloroethene	50.0	42.39		ug/L		85	70 - 130
trans-1,3-Dichloropropene	50.0	42.81		ug/L		86	63 - 130
1,2,3-Trichlorobenzene	50.0	43.67		ug/L		87	60 - 138
1,2,4-Trichlorobenzene	50.0	43.22		ug/L		86	60 - 140
1,1,1-Trichloroethane	50.0	46.59		ug/L		93	68 - 130
1,1,2-Trichloroethane	50.0	44.66		ug/L		89	70 - 130
o-Xylene	50.0	46.01		ug/L		92	70 - 130
Trichloroethene	50.0	45.56		ug/L		91	70 - 130

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

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	46.89		ug/L		94	70 - 130
Trichlorofluoromethane	50.0	46.69		ug/L		93	65 - 138
1,2,3-Trichloropropane	50.0	47.24		ug/L		94	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.74		ug/L		87	60 - 139
1,2,4-Trimethylbenzene	50.0	48.91		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	50.0	48.41		ug/L		97	69 - 130
Isopropyl ether	20.0	23.79		ug/L		119	64 - 132
Hexane	50.0	35.71		ug/L		71	69 - 130
Vinyl acetate	100	103.6		ug/L		104	26 - 150
n-Heptane	50.0	39.87		ug/L		80	70 - 130
Vinyl chloride	50.0	41.66		ug/L		83	59 - 136
Ethyl acetate	100	85.79		ug/L		86	34 - 150
Xylenes, Total	100	92.90		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*103*		*79 - 130*
Toluene-d8 (Surr)	*92*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*

Lab Sample ID: MB 400-730115/2-A
Matrix: Solid
Analysis Batch: 730068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Chloroform	ND		0.00500	0.00136	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/11/25 11:18	11/11/25 12:22	1

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

Lab Sample ID: MB 400-730115/2-A
Matrix: Solid
Analysis Batch: 730068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/11/25 11:18	11/11/25 12:22	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/11/25 11:18	11/11/25 12:22	1

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

Lab Sample ID: MB 400-730115/2-A
Matrix: Solid
Analysis Batch: 730068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/11/25 11:18	11/11/25 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*50 - 150*	*11/11/25 11:18*	*11/11/25 12:22*	*1*
Dibromofluoromethane	*96*		*50 - 150*	*11/11/25 11:18*	*11/11/25 12:22*	*1*
Toluene-d8 (Surr)	*103*		*50 - 150*	*11/11/25 11:18*	*11/11/25 12:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*50 - 150*	*11/11/25 11:18*	*11/11/25 12:22*	*1*

Lab Sample ID: LCS 400-730115/1-A
Matrix: Solid
Analysis Batch: 730068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2768		mg/Kg		138	48 - 150
Benzene	0.0500	0.04993		mg/Kg		100	65 - 130
Bromobenzene	0.0500	0.05400		mg/Kg		108	65 - 130
Bromoform	0.0500	0.04821		mg/Kg		96	52 - 136
Bromomethane	0.0500	0.05864		mg/Kg		117	12 - 150
2-Butanone (MEK)	0.200	0.2031		mg/Kg		102	55 - 130
Chlorobromomethane	0.0500	0.05263		mg/Kg		105	65 - 130
Carbon disulfide	0.0500	0.03756		mg/Kg		75	46 - 141
Carbon tetrachloride	0.0500	0.05090		mg/Kg		102	60 - 130
Chlorobenzene	0.0500	0.05559		mg/Kg		111	70 - 130
Chloroethane	0.0500	0.05819		mg/Kg		116	55 - 134
Chloroform	0.0500	0.04972		mg/Kg		99	62 - 130
Chloromethane	0.0500	0.06676		mg/Kg		134	49 - 136
2-Chlorotoluene	0.0500	0.05012		mg/Kg		100	67 - 130
4-Chlorotoluene	0.0500	0.05116		mg/Kg		102	66 - 130
Chlorodibromomethane	0.0500	0.05783		mg/Kg		116	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.05703		mg/Kg		114	49 - 130
Dibromomethane	0.0500	0.04847		mg/Kg		97	65 - 130
1,2-Dichlorobenzene	0.0500	0.06206		mg/Kg		124	64 - 130
1,3-Dichlorobenzene	0.0500	0.05839		mg/Kg		117	66 - 130
Dichlorobromomethane	0.0500	0.05186		mg/Kg		104	61 - 130
1,4-Dichlorobenzene	0.0500	0.05851		mg/Kg		117	65 - 130
1,1-Dichloroethane	0.0500	0.04860		mg/Kg		97	59 - 130
1,2-Dichloroethane	0.0500	0.05015		mg/Kg		100	62 - 130
cis-1,2-Dichloroethene	0.0500	0.05690		mg/Kg		114	53 - 135
1,1-Dichloroethene	0.0500	0.04696		mg/Kg		94	55 - 137
1,2-Dichloropropane	0.0500	0.05166		mg/Kg		103	64 - 130
1,3-Dichloropropane	0.0500	0.05725		mg/Kg		115	67 - 130
2,2-Dichloropropane	0.0500	0.05015		mg/Kg		100	51 - 132
1,1-Dichloropropene	0.0500	0.04866		mg/Kg		97	65 - 130
Ethylene Dibromide	0.0500	0.05388		mg/Kg		108	67 - 130
cis-1,3-Dichloropropene	0.0500	0.05110		mg/Kg		102	61 - 130
Ethylbenzene	0.0500	0.05492		mg/Kg		110	70 - 130
Hexachlorobutadiene	0.0500	0.07428	*+	mg/Kg		149	62 - 133
2-Hexanone	0.200	0.2241		mg/Kg		112	57 - 131

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

Lab Sample ID: LCS 400-730115/1-A
Matrix: Solid
Analysis Batch: 730068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	0.0500	0.03003		mg/Kg		60	12 - 150
Isopropylbenzene	0.0500	0.05533		mg/Kg		111	70 - 130
4-Isopropyltoluene	0.0500	0.05266		mg/Kg		105	68 - 130
Methylene Chloride	0.0500	0.05509		mg/Kg		110	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1851		mg/Kg		93	58 - 130
Methyl tert-butyl ether	0.0500	0.05835		mg/Kg		117	63 - 130
Naphthalene	0.0500	0.05316		mg/Kg		106	45 - 144
n-Butylbenzene	0.0500	0.05093		mg/Kg		102	66 - 130
N-Propylbenzene	0.0500	0.05247		mg/Kg		105	67 - 130
sec-Butylbenzene	0.0500	0.05194		mg/Kg		104	67 - 130
Styrene	0.0500	0.05457		mg/Kg		109	68 - 130
tert-Butylbenzene	0.0500	0.05106		mg/Kg		102	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05671		mg/Kg		113	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04730		mg/Kg		95	60 - 131
Tetrachloroethene	0.0500	0.05649		mg/Kg		113	67 - 130
Toluene	0.0500	0.05658		mg/Kg		113	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04693		mg/Kg		94	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04847		mg/Kg		97	58 - 134
trans-1,3-Dichloropropene	0.0500	0.05686		mg/Kg		114	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.07234	*+	mg/Kg		145	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.06479		mg/Kg		130	56 - 138
1,1,1-Trichloroethane	0.0500	0.05101		mg/Kg		102	63 - 130
1,1,2-Trichloroethane	0.0500	0.05601		mg/Kg		112	65 - 130
o-Xylene	0.0500	0.05510		mg/Kg		110	70 - 130
Trichloroethene	0.0500	0.05445		mg/Kg		109	65 - 130
m-Xylene & p-Xylene	0.0500	0.05348		mg/Kg		107	70 - 130
Trichlorofluoromethane	0.0500	0.04164		mg/Kg		83	61 - 136
1,2,3-Trichloropropane	0.0500	0.04999		mg/Kg		100	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.06821		mg/Kg		136	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.05076		mg/Kg		102	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.05053		mg/Kg		101	67 - 130
Isopropyl ether	0.0500	0.04864		mg/Kg		97	62 - 130
Hexane	0.0500	0.04301		mg/Kg		86	57 - 132
Vinyl acetate	0.100	0.1072		mg/Kg		107	24 - 150
n-Heptane	0.0500	0.04019		mg/Kg		80	61 - 130
Vinyl chloride	0.0500	0.05093		mg/Kg		102	52 - 132
Ethyl acetate	0.100	0.09669		mg/Kg		97	21 - 150
Xylenes, Total	0.100	0.1086		mg/Kg		109	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*91*		*50 - 150*
Dibromofluoromethane	*93*		*50 - 150*
Toluene-d8 (Surr)	*104*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*91*		*50 - 150*

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

Lab Sample ID: MB 400-729893/1-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Acetophenone	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Atrazine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Caprolactam	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Carbazole	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Chrysene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		11/10/25 09:47	11/10/25 16:11	1

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

Lab Sample ID: MB 400-729893/1-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Fluorene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Isophorone	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Naphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Phenol	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1
Pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 09:47	11/10/25 16:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
2-Fluorobiphenyl (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
2-Fluorophenol (Surr)	*123*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
Nitrobenzene-d5 (Surr)	*115*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
Phenol-d5 (Surr)	*123*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*
Terphenyl-d14 (Surr)	*128*		*40 - 140*	*11/10/25 09:47*	*11/10/25 16:11*	*1*

Lab Sample ID: LCS 400-729893/2-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.492		mg/Kg		99	19 - 126
2,4,5-Trichlorophenol	1.50	1.980		mg/Kg		132	10 - 150
2,4,6-Trichlorophenol	1.50	1.659		mg/Kg		111	10 - 150
2,4-Dichlorophenol	1.50	1.671		mg/Kg		111	10 - 150
2,4-Dimethylphenol	1.50	0.7464		mg/Kg		50	10 - 141
2,4-Dinitrophenol	3.00	2.768		mg/Kg		92	10 - 150
2,4-Dinitrotoluene	1.50	1.566		mg/Kg		104	31 - 136
2,6-Dinitrotoluene	1.50	1.547		mg/Kg		103	31 - 137
2-Chloronaphthalene	1.50	1.578		mg/Kg		105	20 - 126
2-Chlorophenol	1.50	1.958		mg/Kg		131	10 - 150
2-Methylnaphthalene	1.50	1.530		mg/Kg		102	20 - 150
2-Methylphenol	1.50	1.803		mg/Kg		120	18 - 126
2-Nitroaniline	1.50	1.621		mg/Kg		108	30 - 150
2-Nitrophenol	1.50	1.544		mg/Kg		103	19 - 150
3 & 4 Methylphenol	1.50	1.864		mg/Kg		124	10 - 150
3,3'-Dichlorobenzidine	3.00	2.645		mg/Kg		88	10 - 124
3-Nitroaniline	1.50	1.490		mg/Kg		99	10 - 148

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

Lab Sample ID: LCS 400-729893/2-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	3.00	2.938		mg/Kg		98	15 - 150
4-Bromophenyl phenyl ether	1.50	1.605		mg/Kg		107	21 - 129
4-Chloro-3-methylphenol	1.50	1.663		mg/Kg		111	16 - 150
4-Chloroaniline	1.50	1.220		mg/Kg		81	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.491		mg/Kg		99	21 - 124
4-Nitroaniline	1.50	1.656		mg/Kg		110	21 - 146
4-Nitrophenol	3.00	3.047		mg/Kg		102	10 - 150
Acenaphthene	1.50	1.573		mg/Kg		105	21 - 150
Acenaphthylene	1.50	1.626		mg/Kg		108	22 - 150
Acetophenone	1.50	1.853		mg/Kg		124	15 - 128
Anthracene	1.50	1.769		mg/Kg		118	28 - 150
Atrazine	1.50	1.869		mg/Kg		125	10 - 150
Benzaldehyde	1.50	1.653		mg/Kg		110	10 - 150
Benzo[a]anthracene	1.50	1.694		mg/Kg		113	32 - 150
Benzo[a]pyrene	1.50	1.659		mg/Kg		111	24 - 150
Benzo[b]fluoranthene	1.50	1.617		mg/Kg		108	17 - 150
Benzo[g,h,i]perylene	1.50	1.595		mg/Kg		106	25 - 150
Benzo[k]fluoranthene	1.50	1.675		mg/Kg		112	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.881		mg/Kg		125	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.519		mg/Kg		101	16 - 132
Bis(2-chloroethyl)ether	1.50	1.734		mg/Kg		116	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.653		mg/Kg		110	12 - 150
Butyl benzyl phthalate	1.50	1.787		mg/Kg		119	24 - 150
Caprolactam	1.50	1.859		mg/Kg		124	10 - 150
Carbazole	1.50	1.824		mg/Kg		122	16 - 150
Chrysene	1.50	1.596		mg/Kg		106	31 - 150
Dibenz(a,h)anthracene	1.50	1.617		mg/Kg		108	26 - 150
Dibenzofuran	1.50	1.698		mg/Kg		113	27 - 123
Diethyl phthalate	1.50	1.503		mg/Kg		100	20 - 150
Dimethyl phthalate	1.50	1.592		mg/Kg		106	21 - 140
Di-n-butyl phthalate	1.50	1.602		mg/Kg		107	10 - 150
Di-n-octyl phthalate	1.50	1.736		mg/Kg		116	23 - 150
Fluoranthene	1.50	1.654		mg/Kg		110	27 - 150
Fluorene	1.50	1.676		mg/Kg		112	21 - 150
Hexachlorobenzene	1.50	1.541		mg/Kg		103	23 - 121
Hexachlorobutadiene	1.50	1.448		mg/Kg		97	15 - 120
Hexachlorocyclopentadiene	1.50	1.379		mg/Kg		92	14 - 132
Hexachloroethane	1.50	1.696		mg/Kg		113	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.596		mg/Kg		106	33 - 150
Isophorone	1.50	1.817		mg/Kg		121	22 - 129
Naphthalene	1.50	1.675		mg/Kg		112	17 - 150
Nitrobenzene	1.50	1.694		mg/Kg		113	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.784		mg/Kg		119	23 - 128
N-Nitrosodiphenylamine	1.49	1.750		mg/Kg		118	21 - 137
Pentachlorophenol	3.00	3.711		mg/Kg		124	10 - 150
Phenanthrene	1.50	1.709		mg/Kg		114	24 - 150
Phenol	1.50	1.670		mg/Kg		111	10 - 150
Pyrene	1.50	1.658		mg/Kg		111	25 - 150

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

Lab Sample ID: LCS 400-729893/2-A
Matrix: Solid
Analysis Batch: 729898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729893

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*126*		*40 - 140*
2-Fluorobiphenyl (Surr)	*113*		*40 - 140*
2-Fluorophenol (Surr)	*121*		*40 - 140*
Nitrobenzene-d5 (Surr)	*118*		*40 - 140*
Phenol-d5 (Surr)	*114*		*40 - 140*
Terphenyl-d14 (Surr)	*117*		*40 - 140*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-729961/1-A
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		11/10/25 13:12	11/12/25 16:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*11/10/25 13:12*	*11/12/25 16:14*	*1*

Lab Sample ID: LCS 400-729961/2-A
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729961

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2633		mg/Kg		99	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*63*		*10 - 150*

Lab Sample ID: 752-38922-1 MS
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: SED-5
Prep Type: Total/NA
Prep Batch: 729961

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		0.380	0.3927		mg/Kg	☼	103	50 - 150		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*60*		*10 - 150*

Lab Sample ID: 752-38922-1 MSD
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: SED-5
Prep Type: Total/NA
Prep Batch: 729961

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.378	0.3870		mg/Kg	☼	102	50 - 150	1	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*54*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-94409/1-A
Matrix: Solid
Analysis Batch: 94379

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			11/12/25 03:23	1

Lab Sample ID: LCS 705-94409/2-A
Matrix: Solid
Analysis Batch: 94379

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	53.48		mg/Kg		107	90 - 110

Lab Sample ID: MB 705-94409/1-A
Matrix: Solid
Analysis Batch: 94380

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			11/12/25 03:23	1

Lab Sample ID: LCS 705-94409/2-A
Matrix: Solid
Analysis Batch: 94380

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	264.5		mg/Kg		106	90 - 110

Lab Sample ID: MB 705-94806/1-A
Matrix: Solid
Analysis Batch: 94997

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			11/13/25 11:42	1

Lab Sample ID: LCS 705-94806/2-A
Matrix: Solid
Analysis Batch: 94997

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	52.09		mg/Kg		104	90 - 110

Lab Sample ID: MB 705-94806/1-A
Matrix: Solid
Analysis Batch: 94998

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			11/13/25 11:42	1

Lab Sample ID: LCS 705-94806/2-A
Matrix: Solid
Analysis Batch: 94998

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	248.7		mg/Kg		99	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-94564/1-A
Matrix: Solid
Analysis Batch: 95510

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Arsenic	ND		0.600	0.0535	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Barium	ND		2.50	0.0142	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Beryllium	ND		0.500	0.0351	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Cadmium	ND		0.500	0.0163	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Chromium	ND		1.00	0.206	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Cobalt	ND		0.750	0.0283	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Copper	ND		0.500	0.0520	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Lead	ND		0.500	0.0590	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Manganese	ND		1.00	0.0615	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Nickel	ND		1.00	0.0262	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Selenium	0.4105	J	2.50	0.178	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Silver	ND		0.250	0.00290	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Thallium	ND		0.700	0.0422	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Vanadium	ND		1.00	0.126	mg/Kg		11/12/25 09:30	11/14/25 23:24	5
Zinc	ND	^+	2.50	2.08	mg/Kg		11/12/25 09:30	11/14/25 23:24	5

Lab Sample ID: LCS 705-94564/2-A
Matrix: Solid
Analysis Batch: 95510

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.46		mg/Kg		105	80 - 120
Arsenic	10.0	10.40		mg/Kg		104	80 - 120
Barium	10.0	10.35		mg/Kg		103	80 - 120
Beryllium	10.0	9.525		mg/Kg		95	80 - 120
Cadmium	10.0	9.243		mg/Kg		92	80 - 120
Chromium	10.0	10.76		mg/Kg		108	80 - 120
Cobalt	10.0	10.49		mg/Kg		105	80 - 120
Copper	10.0	9.695		mg/Kg		97	80 - 120
Lead	10.0	9.910		mg/Kg		99	80 - 120
Manganese	10.0	10.65		mg/Kg		107	80 - 120
Nickel	10.0	10.59		mg/Kg		106	80 - 120
Selenium	10.0	10.19		mg/Kg		102	80 - 120
Silver	1.00	0.9930		mg/Kg		99	80 - 120
Thallium	10.0	10.02		mg/Kg		100	80 - 120
Vanadium	10.0	10.46		mg/Kg		105	80 - 120
Zinc	10.0	10.22	^+	mg/Kg		102	80 - 120

Lab Sample ID: 752-38922-6 MS
Matrix: Solid
Analysis Batch: 95510

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 94564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	7.99	4.298	F1	mg/Kg	☼	54	75 - 125
Arsenic	0.724		7.99	8.402		mg/Kg	☼	96	75 - 125
Barium	22.8	F1	7.99	34.47	F1	mg/Kg	☼	146	75 - 125
Beryllium	0.105	J	7.99	7.739		mg/Kg	☼	96	75 - 125
Cadmium	0.0980	J	7.99	7.655		mg/Kg	☼	95	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-38922-6 MS
Matrix: Solid
Analysis Batch: 95510

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 94564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	8.77	F2 F1	7.99	16.51		mg/Kg	☼	97	75 - 125
Cobalt	2.45	F1	7.99	13.37	F1	mg/Kg	☼	137	75 - 125
Copper	10.4		7.99	18.46		mg/Kg	☼	101	75 - 125
Lead	28.6	F2 F1	7.99	33.23	F1	mg/Kg	☼	58	75 - 125
Manganese	75.2		7.99	103.1	4	mg/Kg	☼	349	75 - 125
Nickel	7.30	F1	7.99	19.10	F1	mg/Kg	☼	148	75 - 125
Selenium	0.838	J B	7.99	7.489		mg/Kg	☼	83	75 - 125
Silver	0.0134	J	0.799	0.8139		mg/Kg	☼	100	75 - 125
Thallium	ND		7.99	7.906		mg/Kg	☼	99	75 - 125
Vanadium	8.43		7.99	16.10		mg/Kg	☼	96	75 - 125
Zinc	56.0	F2 ^+	7.99	109.0	4 ^+	mg/Kg	☼	663	75 - 125

Lab Sample ID: 752-38922-6 MSD
Matrix: Solid
Analysis Batch: 95510

Client Sample ID: SED-Dup
Prep Type: Total/NA
Prep Batch: 94564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	7.99	4.268	F1	mg/Kg	☼	53	75 - 125	1	20
Arsenic	0.724		7.99	7.765		mg/Kg	☼	88	75 - 125	8	20
Barium	22.8	F1	7.99	29.37		mg/Kg	☼	82	75 - 125	16	20
Beryllium	0.105	J	7.99	7.783		mg/Kg	☼	96	75 - 125	1	20
Cadmium	0.0980	J	7.99	7.850		mg/Kg	☼	97	75 - 125	3	20
Chromium	8.77	F2 F1	7.99	23.57	F1 F2	mg/Kg	☼	185	75 - 125	35	20
Cobalt	2.45	F1	7.99	11.41		mg/Kg	☼	112	75 - 125	16	20
Copper	10.4		7.99	18.24		mg/Kg	☼	99	75 - 125	1	20
Lead	28.6	F2 F1	7.99	167.4	F1 F2	mg/Kg	☼	1738	75 - 125	134	20
Manganese	75.2		7.99	94.33	4	mg/Kg	☼	240	75 - 125	9	20
Nickel	7.30	F1	7.99	17.08		mg/Kg	☼	122	75 - 125	11	20
Selenium	0.838	J B	7.99	8.102		mg/Kg	☼	91	75 - 125	8	20
Silver	0.0134	J	0.799	0.7708		mg/Kg	☼	95	75 - 125	5	20
Thallium	ND		7.99	7.625		mg/Kg	☼	95	75 - 125	4	20
Vanadium	8.43		7.99	17.87		mg/Kg	☼	118	75 - 125	10	20
Zinc	56.0	F2 ^+	7.99	76.23	4 F2 ^+	mg/Kg	☼	253	75 - 125	35	20

Lab Sample ID: MB 705-95037/1-A
Matrix: Solid
Analysis Batch: 95509

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Arsenic	0.06675	J	0.600	0.0535	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Barium	ND		2.50	0.0142	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Beryllium	ND		0.500	0.0351	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Cadmium	ND		0.500	0.0163	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Chromium	ND		1.00	0.206	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Cobalt	ND		0.750	0.0283	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Copper	ND		0.500	0.0520	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Lead	ND		0.500	0.0590	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Manganese	0.07700	J	1.00	0.0615	mg/Kg		11/13/25 13:42	11/14/25 22:46	5

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-95037/1-A
Matrix: Solid
Analysis Batch: 95509

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		1.00	0.0262	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Selenium	0.7315	J	2.50	0.178	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Silver	ND		0.250	0.00290	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Thallium	ND		0.700	0.0422	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Vanadium	0.4113	J	1.00	0.126	mg/Kg		11/13/25 13:42	11/14/25 22:46	5
Zinc	ND		2.50	2.08	mg/Kg		11/13/25 13:42	11/14/25 22:46	5

Lab Sample ID: LCS 705-95037/2-A
Matrix: Solid
Analysis Batch: 95509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.922		mg/Kg		99	80 - 120
Arsenic	10.0	9.691		mg/Kg		97	80 - 120
Barium	10.0	9.884		mg/Kg		99	80 - 120
Beryllium	10.0	10.07		mg/Kg		101	80 - 120
Cadmium	10.0	10.11		mg/Kg		101	80 - 120
Chromium	10.0	9.930		mg/Kg		99	80 - 120
Cobalt	10.0	9.699		mg/Kg		97	80 - 120
Copper	10.0	9.794		mg/Kg		98	80 - 120
Lead	10.0	9.843		mg/Kg		98	80 - 120
Manganese	10.0	9.708		mg/Kg		97	80 - 120
Nickel	10.0	9.679		mg/Kg		97	80 - 120
Selenium	10.0	11.08		mg/Kg		111	80 - 120
Silver	1.00	0.9853		mg/Kg		99	80 - 120
Thallium	10.0	9.905		mg/Kg		99	80 - 120
Vanadium	10.0	10.24		mg/Kg		102	80 - 120
Zinc	10.0	9.376		mg/Kg		94	80 - 120

Lab Sample ID: 752-38922-4 MS
Matrix: Solid
Analysis Batch: 95509

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 95037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.363	J F1	8.51	5.509	F1	mg/Kg	☼	61	75 - 125
Arsenic	1.13	B	8.51	9.083		mg/Kg	☼	94	75 - 125
Barium	39.6		8.51	48.37	4	mg/Kg	☼	103	75 - 125
Beryllium	0.155	J	8.51	7.868		mg/Kg	☼	91	75 - 125
Cadmium	0.128	J	8.51	8.336		mg/Kg	☼	96	75 - 125
Chromium	7.35		8.51	15.49		mg/Kg	☼	96	75 - 125
Cobalt	2.90		8.51	11.34		mg/Kg	☼	99	75 - 125
Copper	14.1		8.51	22.26		mg/Kg	☼	96	75 - 125
Lead	38.0		8.51	42.30	4	mg/Kg	☼	51	75 - 125
Manganese	143	B	8.51	148.7	4	mg/Kg	☼	68	75 - 125
Nickel	7.44		8.51	16.48		mg/Kg	☼	106	75 - 125
Selenium	0.527	J B	8.51	8.545		mg/Kg	☼	94	75 - 125
Silver	0.0262	J	0.851	0.9088		mg/Kg	☼	104	75 - 125
Thallium	0.0421	J	8.51	8.840		mg/Kg	☼	103	75 - 125
Vanadium	12.3	B	8.51	21.02		mg/Kg	☼	102	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-38922-4 MS
Matrix: Solid
Analysis Batch: 95509

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 95037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	64.9		8.51	75.03	4	mg/Kg	☼	119	75 - 125

Lab Sample ID: 752-38922-4 MSD
Matrix: Solid
Analysis Batch: 95509

Client Sample ID: SED-8
Prep Type: Total/NA
Prep Batch: 95037

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.363	J F1	8.51	5.359	F1	mg/Kg	☼	59	75 - 125	3	20
Arsenic	1.13	B	8.51	8.935		mg/Kg	☼	92	75 - 125	2	20
Barium	39.6		8.51	54.51	4	mg/Kg	☼	175	75 - 125	12	20
Beryllium	0.155	J	8.51	8.003		mg/Kg	☼	92	75 - 125	2	20
Cadmium	0.128	J	8.51	8.518		mg/Kg	☼	99	75 - 125	2	20
Chromium	7.35		8.51	14.97		mg/Kg	☼	90	75 - 125	3	20
Cobalt	2.90		8.51	11.04		mg/Kg	☼	96	75 - 125	3	20
Copper	14.1		8.51	22.75		mg/Kg	☼	102	75 - 125	2	20
Lead	38.0		8.51	37.48	4	mg/Kg	☼	-6	75 - 125	12	20
Manganese	143	B	8.51	157.2	4	mg/Kg	☼	168	75 - 125	6	20
Nickel	7.44		8.51	15.47		mg/Kg	☼	94	75 - 125	6	20
Selenium	0.527	J B	8.51	8.332		mg/Kg	☼	92	75 - 125	3	20
Silver	0.0262	J	0.851	0.8742		mg/Kg	☼	100	75 - 125	4	20
Thallium	0.0421	J	8.51	8.452		mg/Kg	☼	99	75 - 125	4	20
Vanadium	12.3	B	8.51	19.76		mg/Kg	☼	87	75 - 125	6	20
Zinc	64.9		8.51	72.10	4	mg/Kg	☼	84	75 - 125	4	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-94408/1-A
Matrix: Solid
Analysis Batch: 94707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94408

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		11/11/25 13:34	11/12/25 11:40	1

Lab Sample ID: LCS 705-94408/2-A
Matrix: Solid
Analysis Batch: 94707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94408

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.4173		mg/Kg		104	80 - 120

Lab Sample ID: MB 705-94940/1-A
Matrix: Solid
Analysis Batch: 95413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		11/13/25 09:45	11/14/25 13:17	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-94940/2-A
Matrix: Solid
Analysis Batch: 95413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94940

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.400	0.3856		mg/Kg		96	80 - 120		

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-730859/19
Matrix: Solid
Analysis Batch: 730859

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			0.0498	0.05200		mg/L		104	50 - 150		

Lab Sample ID: MB 400-730776/1-A
Matrix: Solid
Analysis Batch: 730859

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.998	0.319	mg/Kg			11/17/25 13:30	1

Lab Sample ID: LCS 400-730776/2-A
Matrix: Solid
Analysis Batch: 730859

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.1	60.63		mg/Kg		103	90 - 110		

Lab Sample ID: 752-38922-1 MS
Matrix: Solid
Analysis Batch: 730859

Client Sample ID: SED-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	0.451	J F1	21.2	25.11	F1	mg/Kg	☼	118	90 - 110		

Lab Sample ID: 752-38922-1 MSD
Matrix: Solid
Analysis Batch: 730859

Client Sample ID: SED-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	0.451	J F1	21.2	24.99	F1	mg/Kg	☼	118	90 - 110	0	11

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-730080/1-A
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730080

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		11/11/25 10:26	11/17/25 20:28	1

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: LCS 400-730080/2-A
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.833		mg/Kg		92	85 - 115		

GC/MS VOA

Analysis Batch: 730038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-7	Trip Blank	Total/NA	Water	8260D	
MB 400-730038/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730038/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 730068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	8260D	730115
752-38922-2	SED-6	Total/NA	Solid	8260D	730115
752-38922-3	SED-7	Total/NA	Solid	8260D	730115
752-38922-4	SED-8	Total/NA	Solid	8260D	730115
752-38922-5	SED-9	Total/NA	Solid	8260D	730115
752-38922-6	SED-Dup	Total/NA	Solid	8260D	730115
MB 400-730115/2-A	Method Blank	Total/NA	Solid	8260D	730115
LCS 400-730115/1-A	Lab Control Sample	Total/NA	Solid	8260D	730115

Prep Batch: 730115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	5035	
752-38922-2	SED-6	Total/NA	Solid	5035	
752-38922-3	SED-7	Total/NA	Solid	5035	
752-38922-4	SED-8	Total/NA	Solid	5035	
752-38922-5	SED-9	Total/NA	Solid	5035	
752-38922-6	SED-Dup	Total/NA	Solid	5035	
MB 400-730115/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-730115/1-A	Lab Control Sample	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 729893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	3546	
752-38922-2	SED-6	Total/NA	Solid	3546	
752-38922-3	SED-7	Total/NA	Solid	3546	
752-38922-4	SED-8	Total/NA	Solid	3546	
752-38922-5	SED-9	Total/NA	Solid	3546	
752-38922-6	SED-Dup	Total/NA	Solid	3546	
MB 400-729893/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729893/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 729898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	8270E	729893
752-38922-2	SED-6	Total/NA	Solid	8270E	729893
752-38922-3	SED-7	Total/NA	Solid	8270E	729893
752-38922-4	SED-8	Total/NA	Solid	8270E	729893
752-38922-5	SED-9	Total/NA	Solid	8270E	729893
752-38922-6	SED-Dup	Total/NA	Solid	8270E	729893
MB 400-729893/1-A	Method Blank	Total/NA	Solid	8270E	729893
LCS 400-729893/2-A	Lab Control Sample	Total/NA	Solid	8270E	729893

GC/MS Semi VOA

Prep Batch: 729961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	3546	
752-38922-2	SED-6	Total/NA	Solid	3546	
752-38922-3	SED-7	Total/NA	Solid	3546	
752-38922-4	SED-8	Total/NA	Solid	3546	
752-38922-5	SED-9	Total/NA	Solid	3546	
752-38922-6	SED-Dup	Total/NA	Solid	3546	
MB 400-729961/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729961/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-38922-1 MS	SED-5	Total/NA	Solid	3546	
752-38922-1 MSD	SED-5	Total/NA	Solid	3546	

Analysis Batch: 730301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	8270E SIM ID	729961
752-38922-2	SED-6	Total/NA	Solid	8270E SIM ID	729961
752-38922-3	SED-7	Total/NA	Solid	8270E SIM ID	729961
752-38922-4	SED-8	Total/NA	Solid	8270E SIM ID	729961
752-38922-5	SED-9	Total/NA	Solid	8270E SIM ID	729961
752-38922-6	SED-Dup	Total/NA	Solid	8270E SIM ID	729961
MB 400-729961/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	729961
LCS 400-729961/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	729961
752-38922-1 MS	SED-5	Total/NA	Solid	8270E SIM ID	729961
752-38922-1 MSD	SED-5	Total/NA	Solid	8270E SIM ID	729961

HPLC/IC

Analysis Batch: 94379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Soluble	Solid	9056A	94409
752-38922-2	SED-6	Soluble	Solid	9056A	94409
752-38922-3	SED-7	Soluble	Solid	9056A	94409
752-38922-5	SED-9	Soluble	Solid	9056A	94409
752-38922-6	SED-Dup	Soluble	Solid	9056A	94409
MB 705-94409/1-A	Method Blank	Soluble	Solid	9056A	94409
LCS 705-94409/2-A	Lab Control Sample	Soluble	Solid	9056A	94409

Analysis Batch: 94380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Soluble	Solid	9056A	94409
752-38922-2	SED-6	Soluble	Solid	9056A	94409
752-38922-3	SED-7	Soluble	Solid	9056A	94409
752-38922-5	SED-9	Soluble	Solid	9056A	94409
752-38922-6	SED-Dup	Soluble	Solid	9056A	94409
MB 705-94409/1-A	Method Blank	Soluble	Solid	9056A	94409
LCS 705-94409/2-A	Lab Control Sample	Soluble	Solid	9056A	94409

Leach Batch: 94409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Soluble	Solid	DI Leach	
752-38922-2	SED-6	Soluble	Solid	DI Leach	
752-38922-3	SED-7	Soluble	Solid	DI Leach	

HPLC/IC (Continued)

Leach Batch: 94409 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-5	SED-9	Soluble	Solid	DI Leach	
752-38922-6	SED-Dup	Soluble	Solid	DI Leach	
MB 705-94409/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-94409/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Leach Batch: 94806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-4	SED-8	Soluble	Solid	DI Leach	
MB 705-94806/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-94806/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 94997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-4	SED-8	Soluble	Solid	9056A	94806
MB 705-94806/1-A	Method Blank	Soluble	Solid	9056A	94806
LCS 705-94806/2-A	Lab Control Sample	Soluble	Solid	9056A	94806

Analysis Batch: 94998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-4	SED-8	Soluble	Solid	9056A	94806
MB 705-94806/1-A	Method Blank	Soluble	Solid	9056A	94806
LCS 705-94806/2-A	Lab Control Sample	Soluble	Solid	9056A	94806

Metals

Prep Batch: 94408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	7471B	
752-38922-2	SED-6	Total/NA	Solid	7471B	
752-38922-3	SED-7	Total/NA	Solid	7471B	
752-38922-5	SED-9	Total/NA	Solid	7471B	
752-38922-6	SED-Dup	Total/NA	Solid	7471B	
MB 705-94408/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-94408/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 94564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-6	SED-Dup	Total/NA	Solid	3050B	
MB 705-94564/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-94564/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-38922-6 MS	SED-Dup	Total/NA	Solid	3050B	
752-38922-6 MSD	SED-Dup	Total/NA	Solid	3050B	

Analysis Batch: 94707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	7471B	94408
752-38922-2	SED-6	Total/NA	Solid	7471B	94408
752-38922-3	SED-7	Total/NA	Solid	7471B	94408
752-38922-5	SED-9	Total/NA	Solid	7471B	94408
752-38922-6	SED-Dup	Total/NA	Solid	7471B	94408
MB 705-94408/1-A	Method Blank	Total/NA	Solid	7471B	94408

Metals (Continued)

Analysis Batch: 94707 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-94408/2-A	Lab Control Sample	Total/NA	Solid	7471B	94408

Prep Batch: 94940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-4	SED-8	Total/NA	Solid	7471B	
MB 705-94940/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-94940/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 95037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	3050B	
752-38922-2	SED-6	Total/NA	Solid	3050B	
752-38922-3	SED-7	Total/NA	Solid	3050B	
752-38922-4	SED-8	Total/NA	Solid	3050B	
752-38922-5	SED-9	Total/NA	Solid	3050B	
MB 705-95037/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-95037/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-38922-4 MS	SED-8	Total/NA	Solid	3050B	
752-38922-4 MSD	SED-8	Total/NA	Solid	3050B	

Analysis Batch: 95413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-4	SED-8	Total/NA	Solid	7471B	94940
MB 705-94940/1-A	Method Blank	Total/NA	Solid	7471B	94940
LCS 705-94940/2-A	Lab Control Sample	Total/NA	Solid	7471B	94940

Analysis Batch: 95509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	6020B	95037
752-38922-2	SED-6	Total/NA	Solid	6020B	95037
752-38922-3	SED-7	Total/NA	Solid	6020B	95037
752-38922-4	SED-8	Total/NA	Solid	6020B	95037
752-38922-5	SED-9	Total/NA	Solid	6020B	95037
MB 705-95037/1-A	Method Blank	Total/NA	Solid	6020B	95037
LCS 705-95037/2-A	Lab Control Sample	Total/NA	Solid	6020B	95037
752-38922-4 MS	SED-8	Total/NA	Solid	6020B	95037
752-38922-4 MSD	SED-8	Total/NA	Solid	6020B	95037

Analysis Batch: 95510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-6	SED-Dup	Total/NA	Solid	6020B	94564
MB 705-94564/1-A	Method Blank	Total/NA	Solid	6020B	94564
LCS 705-94564/2-A	Lab Control Sample	Total/NA	Solid	6020B	94564
752-38922-6 MS	SED-Dup	Total/NA	Solid	6020B	94564
752-38922-6 MSD	SED-Dup	Total/NA	Solid	6020B	94564

Analysis Batch: 95553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-6	SED-Dup	Total/NA	Solid	6020B	94564

General Chemistry

Analysis Batch: 730015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	Moisture	
752-38922-2	SED-6	Total/NA	Solid	Moisture	
752-38922-3	SED-7	Total/NA	Solid	Moisture	
752-38922-4	SED-8	Total/NA	Solid	Moisture	
752-38922-5	SED-9	Total/NA	Solid	Moisture	
752-38922-6	SED-Dup	Total/NA	Solid	Moisture	
752-38922-4 DU	SED-8	Total/NA	Solid	Moisture	

Prep Batch: 730080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	3060A	
752-38922-2	SED-6	Total/NA	Solid	3060A	
752-38922-3	SED-7	Total/NA	Solid	3060A	
752-38922-4	SED-8	Total/NA	Solid	3060A	
752-38922-5	SED-9	Total/NA	Solid	3060A	
752-38922-6	SED-Dup	Total/NA	Solid	3060A	
MB 400-730080/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-730080/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Leach Batch: 730776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Soluble	Solid	DI Leach	
752-38922-2	SED-6	Soluble	Solid	DI Leach	
752-38922-3	SED-7	Soluble	Solid	DI Leach	
752-38922-4	SED-8	Soluble	Solid	DI Leach	
752-38922-5	SED-9	Soluble	Solid	DI Leach	
752-38922-6	SED-Dup	Soluble	Solid	DI Leach	
MB 400-730776/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-730776/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-38922-1 MS	SED-5	Soluble	Solid	DI Leach	
752-38922-1 MSD	SED-5	Soluble	Solid	DI Leach	

Analysis Batch: 730859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Soluble	Solid	350.1	730776
752-38922-2	SED-6	Soluble	Solid	350.1	730776
752-38922-3	SED-7	Soluble	Solid	350.1	730776
752-38922-4	SED-8	Soluble	Solid	350.1	730776
752-38922-5	SED-9	Soluble	Solid	350.1	730776
752-38922-6	SED-Dup	Soluble	Solid	350.1	730776
MB 400-730776/1-A	Method Blank	Soluble	Solid	350.1	730776
LCS 400-730776/2-A	Lab Control Sample	Soluble	Solid	350.1	730776
MRL 400-730859/19	Lab Control Sample	Total/NA	Solid	350.1	
752-38922-1 MS	SED-5	Soluble	Solid	350.1	730776
752-38922-1 MSD	SED-5	Soluble	Solid	350.1	730776

Analysis Batch: 730898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-1	SED-5	Total/NA	Solid	7199	730080
752-38922-2	SED-6	Total/NA	Solid	7199	730080
752-38922-3	SED-7	Total/NA	Solid	7199	730080

General Chemistry (Continued)

Analysis Batch: 730898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38922-4	SED-8	Total/NA	Solid	7199	730080
752-38922-5	SED-9	Total/NA	Solid	7199	730080
752-38922-6	SED-Dup	Total/NA	Solid	7199	730080
MB 400-730080/1-A	Method Blank	Total/NA	Solid	7199	730080
LCS 400-730080/2-A	Lab Control Sample	Total/NA	Solid	7199	730080

Client Sample ID: SED-5

Lab Sample ID: 752-38922-1

Date Collected: 11/05/25 14:40

Matrix: Solid

Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730015	TMP	EET PEN	11/10/25 14:33

Client Sample ID: SED-5

Lab Sample ID: 752-38922-1

Date Collected: 11/05/25 14:40

Matrix: Solid

Date Received: 11/05/25 16:05

Percent Solids: 70.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730115	BPO	EET PEN	11/11/25 11:18
Total/NA	Analysis	8260D		1	730068	BPO	EET PEN	11/11/25 17:52
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 19:41
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 17:18
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94379	MS	EET ATL	11/12/25 04:20
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94380	MS	EET ATL	11/12/25 04:20
Total/NA	Prep	3050B			95037	SA	EET ATL	11/14/25 08:27
Total/NA	Analysis	6020B		5	95509	TT	EET ATL	11/14/25 23:00
Total/NA	Prep	7471B			94408	TR	EET ATL	11/11/25 13:34
Total/NA	Analysis	7471B		1	94707	GR	EET ATL	11/12/25 12:46
Soluble	Leach	DI Leach			730776	CAC	EET PEN	11/17/25 10:17
Soluble	Analysis	350.1		1	730859	CAC	EET PEN	11/17/25 13:36
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 00:53

Client Sample ID: SED-6

Lab Sample ID: 752-38922-2

Date Collected: 11/05/25 13:20

Matrix: Solid

Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730015	TMP	EET PEN	11/10/25 14:33

Client Sample ID: SED-6

Lab Sample ID: 752-38922-2

Date Collected: 11/05/25 13:20

Matrix: Solid

Date Received: 11/05/25 16:05

Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730115	BPO	EET PEN	11/11/25 11:18
Total/NA	Analysis	8260D		1	730068	BPO	EET PEN	11/11/25 18:20
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 20:11
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 17:40

Client Sample ID: SED-6

Lab Sample ID: 752-38922-2

Date Collected: 11/05/25 13:20

Matrix: Solid

Date Received: 11/05/25 16:05

Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94379	MS	EET ATL	11/12/25 04:31
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94380	MS	EET ATL	11/12/25 04:31
Total/NA	Prep	3050B			95037	SA	EET ATL	11/14/25 08:27
Total/NA	Analysis	6020B		5	95509	TT	EET ATL	11/14/25 23:03
Total/NA	Prep	7471B			94408	TR	EET ATL	11/11/25 13:34
Total/NA	Analysis	7471B		1	94707	GR	EET ATL	11/12/25 12:49
Soluble	Leach	DI Leach			730776	CAC	EET PEN	11/17/25 10:17
Soluble	Analysis	350.1		1	730859	CAC	EET PEN	11/17/25 13:44
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 01:31

Client Sample ID: SED-7

Lab Sample ID: 752-38922-3

Date Collected: 11/05/25 12:45

Matrix: Solid

Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730015	TMP	EET PEN	11/10/25 14:33

Client Sample ID: SED-7

Lab Sample ID: 752-38922-3

Date Collected: 11/05/25 12:45

Matrix: Solid

Date Received: 11/05/25 16:05

Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730115	BPO	EET PEN	11/11/25 11:18
Total/NA	Analysis	8260D		1	730068	BPO	EET PEN	11/11/25 18:48
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 20:42
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 18:01
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94379	MS	EET ATL	11/12/25 04:42
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94380	MS	EET ATL	11/12/25 04:42
Total/NA	Prep	3050B			95037	SA	EET ATL	11/14/25 08:27
Total/NA	Analysis	6020B		1	95509	TT	EET ATL	11/14/25 23:05
Total/NA	Prep	7471B			94408	TR	EET ATL	11/11/25 13:34
Total/NA	Analysis	7471B		1	94707	GR	EET ATL	11/12/25 12:59
Soluble	Leach	DI Leach			730776	CAC	EET PEN	11/17/25 10:17
Soluble	Analysis	350.1		1	730859	CAC	EET PEN	11/17/25 13:47
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 01:44

Client Sample ID: SED-8

Lab Sample ID: 752-38922-4

Date Collected: 11/05/25 11:30

Matrix: Solid

Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730015	TMP	EET PEN	11/10/25 14:33

Client Sample ID: SED-8

Lab Sample ID: 752-38922-4

Date Collected: 11/05/25 11:30

Matrix: Solid

Date Received: 11/05/25 16:05

Percent Solids: 60.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730115	BPO	EET PEN	11/11/25 11:18
Total/NA	Analysis	8260D		1	730068	BPO	EET PEN	11/11/25 19:15
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 21:12
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 18:23
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94997	MS	EET ATL	11/13/25 17:11
Soluble	Leach	DI Leach			94806	MS	EET ATL	11/12/25 17:06
Soluble	Analysis	9056A		1	94998	MS	EET ATL	11/13/25 17:11
Total/NA	Prep	3050B			95037	SA	EET ATL	11/13/25 13:42
Total/NA	Analysis	6020B		5	95509	TT	EET ATL	11/14/25 22:51
Total/NA	Prep	7471B			94940	TR	EET ATL	11/13/25 09:45
Total/NA	Analysis	7471B		1	95413	GR	EET ATL	11/14/25 14:40
Soluble	Leach	DI Leach			730776	CAC	EET PEN	11/17/25 10:17
Soluble	Analysis	350.1		1	730859	CAC	EET PEN	11/17/25 13:49
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 01:57

Client Sample ID: SED-9

Lab Sample ID: 752-38922-5

Date Collected: 11/05/25 10:45

Matrix: Solid

Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730015	TMP	EET PEN	11/10/25 14:33

Client Sample ID: SED-9

Lab Sample ID: 752-38922-5

Date Collected: 11/05/25 10:45

Matrix: Solid

Date Received: 11/05/25 16:05

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730115	BPO	EET PEN	11/11/25 11:18
Total/NA	Analysis	8260D		1	730068	BPO	EET PEN	11/11/25 19:43
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 21:42
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 18:44

Client Sample ID: SED-9

Lab Sample ID: 752-38922-5

Date Collected: 11/05/25 10:45
Matrix: Solid
Date Received: 11/05/25 16:05
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94379	MS	EET ATL	11/12/25 04:54
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94380	MS	EET ATL	11/12/25 04:54
Total/NA	Prep	3050B			95037	SA	EET ATL	11/14/25 08:27
Total/NA	Analysis	6020B		5	95509	TT	EET ATL	11/14/25 23:07
Total/NA	Prep	7471B			94408	TR	EET ATL	11/11/25 13:34
Total/NA	Analysis	7471B		1	94707	GR	EET ATL	11/12/25 13:03
Soluble	Leach	DI Leach			730776	CAC	EET PEN	11/17/25 10:17
Soluble	Analysis	350.1		1	730859	CAC	EET PEN	11/17/25 13:52
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 02:09

Client Sample ID: SED-Dup

Lab Sample ID: 752-38922-6

Date Collected: 11/05/25 00:00
Matrix: Solid
Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730015	TMP	EET PEN	11/10/25 14:33

Client Sample ID: SED-Dup

Lab Sample ID: 752-38922-6

Date Collected: 11/05/25 00:00
Matrix: Solid
Date Received: 11/05/25 16:05
Percent Solids: 73.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730115	BPO	EET PEN	11/11/25 11:18
Total/NA	Analysis	8260D		1	730068	BPO	EET PEN	11/11/25 20:10
Total/NA	Prep	3546			729893	AMM	EET PEN	11/10/25 09:47
Total/NA	Analysis	8270E		1	729898	VC1	EET PEN	11/10/25 22:12
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 19:05
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94379	MS	EET ATL	11/12/25 05:05
Soluble	Leach	DI Leach			94409	MS	EET ATL	11/11/25 13:37
Soluble	Analysis	9056A		1	94380	MS	EET ATL	11/12/25 05:05
Total/NA	Prep	3050B			94564	BR	EET ATL	11/12/25 09:30
Total/NA	Analysis	6020B		5	95510	TT	EET ATL	11/14/25 23:29
Total/NA	Prep	3050B			94564	BR	EET ATL	11/12/25 09:30
Total/NA	Analysis	6020B		5	95553	TT	EET ATL	11/15/25 17:12
Total/NA	Prep	7471B			94408	TR	EET ATL	11/11/25 13:34
Total/NA	Analysis	7471B		1	94707	GR	EET ATL	11/12/25 13:06
Soluble	Leach	DI Leach			730776	CAC	EET PEN	11/17/25 10:17
Soluble	Analysis	350.1		1	730859	CAC	EET PEN	11/17/25 13:55
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 02:22

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38922-7

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/05/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 17:26

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38922-1
Project/Site: Lyon Park

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5035	Solid	Hexane
8260D	5035	Solid	n-Heptane
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7471B	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET ATL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	SW846	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

ASTM = ASTM International

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 ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38922-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38922-1	SED-5	Solid	11/05/25 14:40	11/05/25 16:05	North Carolina
752-38922-2	SED-6	Solid	11/05/25 13:20	11/05/25 16:05	North Carolina
752-38922-3	SED-7	Solid	11/05/25 12:45	11/05/25 16:05	North Carolina
752-38922-4	SED-8	Solid	11/05/25 11:30	11/05/25 16:05	North Carolina
752-38922-5	SED-9	Solid	11/05/25 10:45	11/05/25 16:05	North Carolina
752-38922-6	SED-Dup	Solid	11/05/25 00:00	11/05/25 16:05	North Carolina
752-38922-7	Trip Blank	Water	11/05/25 00:00	11/05/25 16:05	North Carolina

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone (919) 467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jonathan Dixon	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170214-59872.1
Client Contact: Jerry Paul	Phone: (984) 303-9791	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

752-38922 COC

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	360.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_DS - 1,4-Dioxane	8260D - VOC NC 02L List	6020B_LL - PRLF 16 Metals; 7473 - Hg	9056A_ORGFM_28D - Sulfate, 9056A_ORGFM_48H - Nitrate	7199 - Hexavalent Chromium	8260D - VOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	PL	N	N	N	A		
SED-5	11/5/25	1440	G	S		X	X	X	X	X	X	X		
SED-6		1320				X	X	X	X	X	X	X		
SED-7		1245				X	X	X	X	X	X	X		
SED-8		1150				X	X	X	X	X	X	X		
SED-9		1045				X	X	X	X	X	X	X		
SED-DUP		—				X	X	X	X	X	X	X		

Initial Temperature: 1.7, 1.7 °C
Correction Factor: -0.2°C
Corrected Temperature: 1.5, 1.5 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

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
	11/5/25 1605	S&ME		11/5/25 1605	Eurofins
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:

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7180 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38922-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/11/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5035A_FPVOC NC 02L List	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060A	8260D/5030CVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SED-5 (752-38922-1)	11/5/25	14.40 Eastern	G	Solid			X	X	X	X	X	X			
SED-6 (752-38922-2)	11/5/25	13 20 Eastern	G	Solid			X	X	X	X	X	X			
SED-7 (752-38922-3)	11/5/25	12:45 Eastern	G	Solid			X	X	X	X	X	X			
SED-8 (752-38922-4)	11/5/25	11 30 Eastern	G	Solid			X	X	X	X	X	X			
SED-9 (752-38922-5)	11/5/25	10 45 Eastern	G	Solid			X	X	X	X	X	X			
SED-Dup (752-38922-6)	11/5/25	Eastern	G	Solid			X	X	X	X	X	X			
Trip Blank (752-38922-7)	11/5/25	Eastern	G	Water									X		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
1	[signature]	11/10/25 1330		[signature]	11/05/25 1909	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 1.2°C IR10

Ver 10/10/2024

11/20/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7176.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38922-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 11/17/2025			Preservation Codes: -
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050BPRLF 16 Metals, including prep	7473Mercury	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
SED-5 (752-38922-1)	11/5/25	14:40 Eastern	G	Solid			X	X	X	X	2	
SED-6 (752-38922-2)	11/5/25	13:20 Eastern	G	Solid			X	X	X	X	2	
SED-7 (752-38922-3)	11/5/25	12:45 Eastern	G	Solid			X	X	X	X	2	
SED-8 (752-38922-4)	11/5/25	11:30 Eastern	G	Solid			X	X	X	X	2	
SED-9 (752-38922-5)	11/5/25	10:45 Eastern	G	Solid			X	X	X	X	2	
SED-Dup (752-38922-6)	11/5/25	Eastern	G	Solid			X	X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
	11/6/25 1323			11/7/25 10	
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: 2927 1.3

Ver: 10/10/2024

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 400-389495.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38922-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 11/17/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: 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)	6020B_LL/3050BPRLF 16 Metals, including prep	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	7471B/7471B_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
SED-8 (752-38922-4)	11/5/25	11:30 Eastern	G	Solid			X	X	X	X	2	

Preservation Codes: -

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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: 11/11/25 17W	Company	Received by: Taylor	Date/Time: 11/12/25 945	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: .3 #2665

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38922-1

Login Number: 38922

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

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.	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.	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: S&ME Inc

Job Number: 752-38922-1

Login Number: 38922
List Number: 2
Creator: Karbievskii, Konstantin

List Source: Eurofins Atlanta
List Creation: 11/07/25 10:39 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
The cooler does 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 present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38922-1

Login Number: 38922
List Number: 4
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 11/10/25 08:58 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does 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 present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38922-1

Login Number: 38922
List Number: 3
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 11/08/25 09:22 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.	True	
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	2.9°C IR10
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.	N/A	The chain did not arrive with the samples in the cooler
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 11/20/2025 7:55:52 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-38988-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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11/20/2025 7:55:52 AM

Authorized for release by
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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-38988-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Job Narrative
752-38988-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/6/2025 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.8°C and 3.9°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730574 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: One of three internal standard responses was outside of acceptance limits for the following samples: SW-1 (752-38988-1), SW-2 (752-38988-2), SW-3 (752-38988-3) and SW-4 (752-38988-4). Since this internal standard was below criteria, the associated analytes quantitated with this internal standard are possibly biased high; however, none of those compounds were detected in the samples. The 4-Bromofluorobenzene surrogate, which was also affected, was within acceptance limits. Therefore, the data has been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730960 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS 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.

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729865 and analytical batch 400-730057 recovered outside control limits for the following analyte: Caprolactam. This analyte was biased high in the LCS 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.

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

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

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-1 — Lab Sample ID: 752-38988-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.541	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.481	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	2.82		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.115	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	50.4		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	49.8		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.18	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.509	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.632	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	7.37		4.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	19.4	F1	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-2 — Lab Sample ID: 752-38988-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.523	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.478	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.37		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.121	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	49.3		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	41.9		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.27	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.729	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.588	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	8.22		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.164		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.164		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	19.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-3 — Lab Sample ID: 752-38988-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.600	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.432	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.99		2.00	0.643	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SW-3 (Continued) — Lab Sample ID: 752-38988-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.196	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	48.8		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	54.0		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.26	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	1.00	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.637	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	11.5		4.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0600	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0600	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	19.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-4 — Lab Sample ID: 752-38988-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.622	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.614	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.44		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.199	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	49.1		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	74.6		1.00	0.987	ug/L	1		6020B	Total Recoverable
Nickel	1.27	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.503	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.631	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	7.94		4.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	18.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: SW-Dup — Lab Sample ID: 752-38988-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.647	J	4.00	0.390	ug/L	1		6020B	Total Recoverable
Chromium	0.452	J	2.00	0.388	ug/L	1		6020B	Total Recoverable
Copper	3.65		2.00	0.643	ug/L	1		6020B	Total Recoverable
Cobalt	0.213	J	2.00	0.102	ug/L	1		6020B	Total Recoverable
Barium	51.4		4.00	0.368	ug/L	1		6020B	Total Recoverable
Manganese	81.3		1.00	0.987	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-Dup (Continued)

Lab Sample ID: 752-38988-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	1.70	J	4.00	0.915	ug/L	1		6020B	Total Recoverable
Lead	0.736	J	2.00	0.243	ug/L	1		6020B	Total Recoverable
Vanadium	0.629	J	2.00	0.486	ug/L	1		6020B	Total Recoverable
Zinc	7.23		4.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	18.2		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-38988-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-1
Date Collected: 11/06/25 09:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 20:49	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 20:49	1
Bromobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 20:49	1
Bromoform	ND	*3	5.00	0.250	ug/L			11/14/25 20:49	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 20:49	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 20:49	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 20:49	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 20:49	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 20:49	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 20:49	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 20:49	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 20:49	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 20:49	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 20:49	1
2-Chlorotoluene	ND	*3	1.00	0.570	ug/L			11/14/25 20:49	1
4-Chlorotoluene	ND	*3	1.00	0.560	ug/L			11/14/25 20:49	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 20:49	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 20:49	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.00	1.50	ug/L			11/14/25 20:49	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 20:49	1
1,2-Dichlorobenzene	ND	*3	1.00	0.500	ug/L			11/14/25 20:49	1
1,3-Dichlorobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 20:49	1
1,4-Dichlorobenzene	ND	*3	1.00	0.640	ug/L			11/14/25 20:49	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 20:49	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 20:49	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 20:49	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 20:49	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 20:49	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 20:49	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 20:49	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 20:49	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 20:49	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 20:49	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 20:49	1
Hexachlorobutadiene	ND	*3	5.00	0.900	ug/L			11/14/25 20:49	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 20:49	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 20:49	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 20:49	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 20:49	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 20:49	1
4-Isopropyltoluene	ND	*3	1.00	0.710	ug/L			11/14/25 20:49	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 20:49	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 20:49	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 20:49	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 20:49	1
Naphthalene	ND	*3	5.00	3.00	ug/L			11/14/25 20:49	1
n-Butylbenzene	ND	*3	1.00	0.760	ug/L			11/14/25 20:49	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 20:49	1
N-Propylbenzene	ND	*3	1.00	0.690	ug/L			11/14/25 20:49	1

Client Sample ID: SW-1
Date Collected: 11/06/25 09:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 20:49	1
sec-Butylbenzene	ND	*3	1.00	0.700	ug/L			11/14/25 20:49	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 20:49	1
tert-Butylbenzene	ND	*3	1.00	0.630	ug/L			11/14/25 20:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 20:49	1
1,1,2,2-Tetrachloroethane	ND	*3	1.00	0.500	ug/L			11/14/25 20:49	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 20:49	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 20:49	1
trans-1,4-Dichloro-2-butene	ND	*3	5.00	1.00	ug/L			11/14/25 20:49	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 20:49	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 20:49	1
1,2,3-Trichlorobenzene	ND	*3	1.00	0.900	ug/L			11/14/25 20:49	1
1,2,4-Trichlorobenzene	ND	*3	1.00	0.820	ug/L			11/14/25 20:49	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 20:49	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 20:49	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 20:49	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 20:49	1
1,2,3-Trichloropropane	ND	*3	5.00	0.840	ug/L			11/14/25 20:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 20:49	1
1,2,4-Trimethylbenzene	ND	*3	1.00	0.820	ug/L			11/14/25 20:49	1
1,3,5-Trimethylbenzene	ND	*3	1.00	0.560	ug/L			11/14/25 20:49	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 20:49	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 20:49	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*	*3	*56 - 136*		*11/14/25 20:49*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*11/14/25 20:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*		*11/14/25 20:49*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/14/25 20:49*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		11/12/25 13:01	11/14/25 10:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*11/12/25 13:01*	*11/14/25 10:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/09/25 12:08	11/11/25 19:34	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		11/09/25 12:08	11/11/25 19:34	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/09/25 12:08	11/11/25 19:34	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/09/25 12:08	11/11/25 19:34	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/09/25 12:08	11/11/25 19:34	1

Client Sample ID: SW-1
Date Collected: 11/06/25 09:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/09/25 12:08	11/11/25 19:34	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/09/25 12:08	11/11/25 19:34	1
2-Nitrophenol	ND		10.2	1.19	ug/L		11/09/25 12:08	11/11/25 19:34	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/09/25 12:08	11/11/25 19:34	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/09/25 12:08	11/11/25 19:34	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/09/25 12:08	11/11/25 19:34	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/09/25 12:08	11/11/25 19:34	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/09/25 12:08	11/11/25 19:34	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/09/25 12:08	11/11/25 19:34	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/09/25 12:08	11/11/25 19:34	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/09/25 12:08	11/11/25 19:34	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/09/25 12:08	11/11/25 19:34	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/09/25 12:08	11/11/25 19:34	1
Acenaphthene	ND		10.2	0.641	ug/L		11/09/25 12:08	11/11/25 19:34	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/09/25 12:08	11/11/25 19:34	1
Acetophenone	ND		10.2	3.25	ug/L		11/09/25 12:08	11/11/25 19:34	1
Anthracene	ND		10.2	0.925	ug/L		11/09/25 12:08	11/11/25 19:34	1
Atrazine	ND		10.2	1.15	ug/L		11/09/25 12:08	11/11/25 19:34	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/09/25 12:08	11/11/25 19:34	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/09/25 12:08	11/11/25 19:34	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/09/25 12:08	11/11/25 19:34	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/09/25 12:08	11/11/25 19:34	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/09/25 12:08	11/11/25 19:34	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/09/25 12:08	11/11/25 19:34	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/09/25 12:08	11/11/25 19:34	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/09/25 12:08	11/11/25 19:34	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/09/25 12:08	11/11/25 19:34	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/09/25 12:08	11/11/25 19:34	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/09/25 12:08	11/11/25 19:34	1
Caprolactam	ND	*+	10.2	2.44	ug/L		11/09/25 12:08	11/11/25 19:34	1
Carbazole	ND		10.2	0.325	ug/L		11/09/25 12:08	11/11/25 19:34	1
Chrysene	ND		10.2	1.22	ug/L		11/09/25 12:08	11/11/25 19:34	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/09/25 12:08	11/11/25 19:34	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/09/25 12:08	11/11/25 19:34	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/09/25 12:08	11/11/25 19:34	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/09/25 12:08	11/11/25 19:34	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/09/25 12:08	11/11/25 19:34	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/09/25 12:08	11/11/25 19:34	1
Fluoranthene	ND		10.2	0.641	ug/L		11/09/25 12:08	11/11/25 19:34	1
Fluorene	ND		10.2	0.681	ug/L		11/09/25 12:08	11/11/25 19:34	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/09/25 12:08	11/11/25 19:34	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/09/25 12:08	11/11/25 19:34	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/09/25 12:08	11/11/25 19:34	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/09/25 12:08	11/11/25 19:34	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/09/25 12:08	11/11/25 19:34	1
Isophorone	ND		10.2	0.814	ug/L		11/09/25 12:08	11/11/25 19:34	1
Naphthalene	ND		10.2	0.763	ug/L		11/09/25 12:08	11/11/25 19:34	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/09/25 12:08	11/11/25 19:34	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/09/25 12:08	11/11/25 19:34	1

Client Sample ID: SW-1
Date Collected: 11/06/25 09:50
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/09/25 12:08	11/11/25 19:34	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/09/25 12:08	11/11/25 19:34	1
Phenanthrene	ND		10.2	0.753	ug/L		11/09/25 12:08	11/11/25 19:34	1
Phenol	ND		10.2	0.692	ug/L		11/09/25 12:08	11/11/25 19:34	1
Pyrene	ND		10.2	0.641	ug/L		11/09/25 12:08	11/11/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 150*	*11/09/25 12:08*	*11/11/25 19:34*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*11/09/25 12:08*	*11/11/25 19:34*	*1*
2-Fluorophenol (Surr)	*90*		*10 - 150*	*11/09/25 12:08*	*11/11/25 19:34*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*	*11/09/25 12:08*	*11/11/25 19:34*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*11/09/25 12:08*	*11/11/25 19:34*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*11/09/25 12:08*	*11/11/25 19:34*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 15:18	1
Arsenic	**0.541**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 15:18	1
Chromium	**0.481**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 15:18	1
Copper	**2.82**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 15:18	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 15:18	1
Cobalt	**0.115**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 15:18	1
Barium	**50.4**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 15:18	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 15:18	1
Manganese	**49.8**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 15:18	1
Nickel	**1.18**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 15:18	1
Lead	**0.509**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 15:18	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 15:18	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 15:18	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 15:18	1
Vanadium	**0.632**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 15:18	1
Zinc	**7.37**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 15:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N (MCAWW 353.2_ASP)	ND		0.100	0.0168	mg/L			11/07/25 17:18	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/10/25 12:43	1
Ammonia (EPA 350.1)	ND		0.250	0.100	mg/L			11/10/25 12:42	1
Nitrate as N (EPA Nitrate by calc)	ND		0.100	0.0100	mg/L			11/14/25 15:05	1
Sulfate (SM 4500 SO4 E)	**19.4**	**F1**	5.00	1.40	mg/L			11/14/25 12:43	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-2
Date Collected: 11/06/25 09:25
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 21:15	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 21:15	1
Bromobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 21:15	1
Bromoform	ND	*3	5.00	0.250	ug/L			11/14/25 21:15	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 21:15	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 21:15	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 21:15	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 21:15	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 21:15	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 21:15	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 21:15	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 21:15	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 21:15	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 21:15	1
2-Chlorotoluene	ND	*3	1.00	0.570	ug/L			11/14/25 21:15	1
4-Chlorotoluene	ND	*3	1.00	0.560	ug/L			11/14/25 21:15	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 21:15	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 21:15	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.00	1.50	ug/L			11/14/25 21:15	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 21:15	1
1,2-Dichlorobenzene	ND	*3	1.00	0.500	ug/L			11/14/25 21:15	1
1,3-Dichlorobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 21:15	1
1,4-Dichlorobenzene	ND	*3	1.00	0.640	ug/L			11/14/25 21:15	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 21:15	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 21:15	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 21:15	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 21:15	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 21:15	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 21:15	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 21:15	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 21:15	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 21:15	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 21:15	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 21:15	1
Hexachlorobutadiene	ND	*3	5.00	0.900	ug/L			11/14/25 21:15	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 21:15	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 21:15	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 21:15	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 21:15	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 21:15	1
4-Isopropyltoluene	ND	*3	1.00	0.710	ug/L			11/14/25 21:15	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 21:15	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 21:15	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 21:15	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 21:15	1
Naphthalene	ND	*3	5.00	3.00	ug/L			11/14/25 21:15	1
n-Butylbenzene	ND	*3	1.00	0.760	ug/L			11/14/25 21:15	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 21:15	1
N-Propylbenzene	ND	*3	1.00	0.690	ug/L			11/14/25 21:15	1

Client Sample ID: SW-2
Date Collected: 11/06/25 09:25
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 21:15	1
sec-Butylbenzene	ND	*3	1.00	0.700	ug/L			11/14/25 21:15	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 21:15	1
tert-Butylbenzene	ND	*3	1.00	0.630	ug/L			11/14/25 21:15	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 21:15	1
1,1,2,2-Tetrachloroethane	ND	*3	1.00	0.500	ug/L			11/14/25 21:15	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 21:15	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 21:15	1
trans-1,4-Dichloro-2-butene	ND	*3	5.00	1.00	ug/L			11/14/25 21:15	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 21:15	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 21:15	1
1,2,3-Trichlorobenzene	ND	*3	1.00	0.900	ug/L			11/14/25 21:15	1
1,2,4-Trichlorobenzene	ND	*3	1.00	0.820	ug/L			11/14/25 21:15	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 21:15	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 21:15	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 21:15	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 21:15	1
1,2,3-Trichloropropane	ND	*3	5.00	0.840	ug/L			11/14/25 21:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 21:15	1
1,2,4-Trimethylbenzene	ND	*3	1.00	0.820	ug/L			11/14/25 21:15	1
1,3,5-Trimethylbenzene	ND	*3	1.00	0.560	ug/L			11/14/25 21:15	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 21:15	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 21:15	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*	*3	*56 - 136*		*11/14/25 21:15*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/14/25 21:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/14/25 21:15*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/14/25 21:15*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.287	0.287	ug/L		11/12/25 13:01	11/14/25 10:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/12/25 13:01*	*11/14/25 10:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		11/09/25 12:08	11/11/25 20:04	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		11/09/25 12:08	11/11/25 20:04	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		11/09/25 12:08	11/11/25 20:04	1
2-Chlorophenol	ND		10.1	0.848	ug/L		11/09/25 12:08	11/11/25 20:04	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		11/09/25 12:08	11/11/25 20:04	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-2
Date Collected: 11/06/25 09:25
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		11/09/25 12:08	11/11/25 20:04	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/09/25 12:08	11/11/25 20:04	1
2-Nitrophenol	ND		10.1	1.18	ug/L		11/09/25 12:08	11/11/25 20:04	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		11/09/25 12:08	11/11/25 20:04	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		11/09/25 12:08	11/11/25 20:04	1
3-Nitroaniline	ND		10.1	0.960	ug/L		11/09/25 12:08	11/11/25 20:04	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		11/09/25 12:08	11/11/25 20:04	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/09/25 12:08	11/11/25 20:04	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		11/09/25 12:08	11/11/25 20:04	1
4-Chloroaniline	ND		10.1	0.586	ug/L		11/09/25 12:08	11/11/25 20:04	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/09/25 12:08	11/11/25 20:04	1
4-Nitroaniline	ND		10.1	3.54	ug/L		11/09/25 12:08	11/11/25 20:04	1
4-Nitrophenol	ND		10.1	2.77	ug/L		11/09/25 12:08	11/11/25 20:04	1
Acenaphthene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 20:04	1
Acenaphthylene	ND		10.1	0.768	ug/L		11/09/25 12:08	11/11/25 20:04	1
Acetophenone	ND		10.1	3.23	ug/L		11/09/25 12:08	11/11/25 20:04	1
Anthracene	ND		10.1	0.919	ug/L		11/09/25 12:08	11/11/25 20:04	1
Atrazine	ND		10.1	1.14	ug/L		11/09/25 12:08	11/11/25 20:04	1
Benzaldehyde	ND		10.1	0.677	ug/L		11/09/25 12:08	11/11/25 20:04	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 12:08	11/11/25 20:04	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 20:04	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/11/25 20:04	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 20:04	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 20:04	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		11/09/25 12:08	11/11/25 20:04	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		11/09/25 12:08	11/11/25 20:04	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		11/09/25 12:08	11/11/25 20:04	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:04	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:04	1
Caprolactam	ND	*+	10.1	2.42	ug/L		11/09/25 12:08	11/11/25 20:04	1
Carbazole	ND		10.1	0.323	ug/L		11/09/25 12:08	11/11/25 20:04	1
Chrysene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/11/25 20:04	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/09/25 12:08	11/11/25 20:04	1
Dibenzofuran	ND		10.1	0.646	ug/L		11/09/25 12:08	11/11/25 20:04	1
Diethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:04	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:04	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		11/09/25 12:08	11/11/25 20:04	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:04	1
Fluoranthene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 20:04	1
Fluorene	ND		10.1	0.677	ug/L		11/09/25 12:08	11/11/25 20:04	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 12:08	11/11/25 20:04	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		11/09/25 12:08	11/11/25 20:04	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		11/09/25 12:08	11/11/25 20:04	1
Hexachloroethane	ND		10.1	0.535	ug/L		11/09/25 12:08	11/11/25 20:04	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 20:04	1
Isophorone	ND		10.1	0.808	ug/L		11/09/25 12:08	11/11/25 20:04	1
Naphthalene	ND		10.1	0.758	ug/L		11/09/25 12:08	11/11/25 20:04	1
Nitrobenzene	ND		10.1	0.606	ug/L		11/09/25 12:08	11/11/25 20:04	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		11/09/25 12:08	11/11/25 20:04	1

Client Sample ID: SW-2
Date Collected: 11/06/25 09:25
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		11/09/25 12:08	11/11/25 20:04	1
Pentachlorophenol	ND		10.1	2.83	ug/L		11/09/25 12:08	11/11/25 20:04	1
Phenanthrene	ND		10.1	0.747	ug/L		11/09/25 12:08	11/11/25 20:04	1
Phenol	ND		10.1	0.687	ug/L		11/09/25 12:08	11/11/25 20:04	1
Pyrene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*11/09/25 12:08*	*11/11/25 20:04*	*1*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*	*11/09/25 12:08*	*11/11/25 20:04*	*1*
2-Fluorophenol (Surr)	*95*		*10 - 150*	*11/09/25 12:08*	*11/11/25 20:04*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*11/09/25 12:08*	*11/11/25 20:04*	*1*
Phenol-d5 (Surr)	*83*		*10 - 150*	*11/09/25 12:08*	*11/11/25 20:04*	*1*
Terphenyl-d14 (Surr)	*71*		*28 - 150*	*11/09/25 12:08*	*11/11/25 20:04*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 15:23	1
Arsenic	**0.523**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 15:23	1
Chromium	**0.478**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 15:23	1
Copper	**3.37**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 15:23	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 15:23	1
Cobalt	**0.121**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 15:23	1
Barium	**49.3**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 15:23	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 15:23	1
Manganese	**41.9**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 15:23	1
Nickel	**1.27**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 15:23	1
Lead	**0.729**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 15:23	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 15:23	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 15:23	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 15:23	1
Vanadium	**0.588**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 15:23	1
Zinc	**8.22**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 15:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N (MCAWW 353.2_ASP)	ND		0.100	0.0168	mg/L			11/07/25 17:19	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.164**		0.100	0.0100	mg/L			11/10/25 12:55	1
Ammonia (EPA 350.1)	ND	F1	0.250	0.100	mg/L			11/11/25 14:39	1
Nitrate as N (EPA Nitrate by calc)	**0.164**		0.100	0.0100	mg/L			11/14/25 09:30	1
Sulfate (SM 4500 SO4 E)	**19.5**		5.00	1.40	mg/L			11/14/25 12:44	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-3
Date Collected: 11/06/25 09:10
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 21:40	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 21:40	1
Bromobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 21:40	1
Bromoform	ND	*3	5.00	0.250	ug/L			11/14/25 21:40	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 21:40	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 21:40	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 21:40	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 21:40	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 21:40	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 21:40	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 21:40	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 21:40	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 21:40	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 21:40	1
2-Chlorotoluene	ND	*3	1.00	0.570	ug/L			11/14/25 21:40	1
4-Chlorotoluene	ND	*3	1.00	0.560	ug/L			11/14/25 21:40	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 21:40	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 21:40	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.00	1.50	ug/L			11/14/25 21:40	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 21:40	1
1,2-Dichlorobenzene	ND	*3	1.00	0.500	ug/L			11/14/25 21:40	1
1,3-Dichlorobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 21:40	1
1,4-Dichlorobenzene	ND	*3	1.00	0.640	ug/L			11/14/25 21:40	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 21:40	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 21:40	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 21:40	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 21:40	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 21:40	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 21:40	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 21:40	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 21:40	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 21:40	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 21:40	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 21:40	1
Hexachlorobutadiene	ND	*3	5.00	0.900	ug/L			11/14/25 21:40	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 21:40	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 21:40	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 21:40	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 21:40	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 21:40	1
4-Isopropyltoluene	ND	*3	1.00	0.710	ug/L			11/14/25 21:40	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 21:40	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 21:40	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 21:40	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 21:40	1
Naphthalene	ND	*3	5.00	3.00	ug/L			11/14/25 21:40	1
n-Butylbenzene	ND	*3	1.00	0.760	ug/L			11/14/25 21:40	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 21:40	1
N-Propylbenzene	ND	*3	1.00	0.690	ug/L			11/14/25 21:40	1

Client Sample ID: SW-3
Date Collected: 11/06/25 09:10
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 21:40	1
sec-Butylbenzene	ND	*3	1.00	0.700	ug/L			11/14/25 21:40	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 21:40	1
tert-Butylbenzene	ND	*3	1.00	0.630	ug/L			11/14/25 21:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 21:40	1
1,1,2,2-Tetrachloroethane	ND	*3	1.00	0.500	ug/L			11/14/25 21:40	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 21:40	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 21:40	1
trans-1,4-Dichloro-2-butene	ND	*3	5.00	1.00	ug/L			11/14/25 21:40	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 21:40	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 21:40	1
1,2,3-Trichlorobenzene	ND	*3	1.00	0.900	ug/L			11/14/25 21:40	1
1,2,4-Trichlorobenzene	ND	*3	1.00	0.820	ug/L			11/14/25 21:40	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 21:40	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 21:40	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 21:40	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 21:40	1
1,2,3-Trichloropropane	ND	*3	5.00	0.840	ug/L			11/14/25 21:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 21:40	1
1,2,4-Trimethylbenzene	ND	*3	1.00	0.820	ug/L			11/14/25 21:40	1
1,3,5-Trimethylbenzene	ND	*3	1.00	0.560	ug/L			11/14/25 21:40	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 21:40	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 21:40	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*	*3	*56 - 136*		*11/14/25 21:40*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*11/14/25 21:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/14/25 21:40*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/14/25 21:40*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		11/12/25 13:01	11/14/25 10:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/12/25 13:01*	*11/14/25 10:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		11/09/25 12:08	11/11/25 20:34	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		11/09/25 12:08	11/11/25 20:34	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		11/09/25 12:08	11/11/25 20:34	1
2-Chlorophenol	ND		10.1	0.848	ug/L		11/09/25 12:08	11/11/25 20:34	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		11/09/25 12:08	11/11/25 20:34	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-3
Date Collected: 11/06/25 09:10
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		11/09/25 12:08	11/11/25 20:34	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/09/25 12:08	11/11/25 20:34	1
2-Nitrophenol	ND		10.1	1.18	ug/L		11/09/25 12:08	11/11/25 20:34	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		11/09/25 12:08	11/11/25 20:34	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		11/09/25 12:08	11/11/25 20:34	1
3-Nitroaniline	ND		10.1	0.960	ug/L		11/09/25 12:08	11/11/25 20:34	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		11/09/25 12:08	11/11/25 20:34	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/09/25 12:08	11/11/25 20:34	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		11/09/25 12:08	11/11/25 20:34	1
4-Chloroaniline	ND		10.1	0.586	ug/L		11/09/25 12:08	11/11/25 20:34	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/09/25 12:08	11/11/25 20:34	1
4-Nitroaniline	ND		10.1	3.54	ug/L		11/09/25 12:08	11/11/25 20:34	1
4-Nitrophenol	ND		10.1	2.77	ug/L		11/09/25 12:08	11/11/25 20:34	1
Acenaphthene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 20:34	1
Acenaphthylene	ND		10.1	0.768	ug/L		11/09/25 12:08	11/11/25 20:34	1
Acetophenone	ND		10.1	3.23	ug/L		11/09/25 12:08	11/11/25 20:34	1
Anthracene	ND		10.1	0.919	ug/L		11/09/25 12:08	11/11/25 20:34	1
Atrazine	ND		10.1	1.14	ug/L		11/09/25 12:08	11/11/25 20:34	1
Benzaldehyde	ND		10.1	0.677	ug/L		11/09/25 12:08	11/11/25 20:34	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 12:08	11/11/25 20:34	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 20:34	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/11/25 20:34	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 20:34	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 20:34	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		11/09/25 12:08	11/11/25 20:34	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		11/09/25 12:08	11/11/25 20:34	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		11/09/25 12:08	11/11/25 20:34	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:34	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:34	1
Caprolactam	ND	*+	10.1	2.42	ug/L		11/09/25 12:08	11/11/25 20:34	1
Carbazole	ND		10.1	0.323	ug/L		11/09/25 12:08	11/11/25 20:34	1
Chrysene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/11/25 20:34	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/09/25 12:08	11/11/25 20:34	1
Dibenzofuran	ND		10.1	0.646	ug/L		11/09/25 12:08	11/11/25 20:34	1
Diethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:34	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:34	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		11/09/25 12:08	11/11/25 20:34	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 20:34	1
Fluoranthene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 20:34	1
Fluorene	ND		10.1	0.677	ug/L		11/09/25 12:08	11/11/25 20:34	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 12:08	11/11/25 20:34	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		11/09/25 12:08	11/11/25 20:34	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		11/09/25 12:08	11/11/25 20:34	1
Hexachloroethane	ND		10.1	0.535	ug/L		11/09/25 12:08	11/11/25 20:34	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 20:34	1
Isophorone	ND		10.1	0.808	ug/L		11/09/25 12:08	11/11/25 20:34	1
Naphthalene	ND		10.1	0.758	ug/L		11/09/25 12:08	11/11/25 20:34	1
Nitrobenzene	ND		10.1	0.606	ug/L		11/09/25 12:08	11/11/25 20:34	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		11/09/25 12:08	11/11/25 20:34	1

Client Sample ID: SW-3
Date Collected: 11/06/25 09:10
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		11/09/25 12:08	11/11/25 20:34	1
Pentachlorophenol	ND		10.1	2.83	ug/L		11/09/25 12:08	11/11/25 20:34	1
Phenanthrene	ND		10.1	0.747	ug/L		11/09/25 12:08	11/11/25 20:34	1
Phenol	ND		10.1	0.687	ug/L		11/09/25 12:08	11/11/25 20:34	1
Pyrene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 150*	*11/09/25 12:08*	*11/11/25 20:34*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*11/09/25 12:08*	*11/11/25 20:34*	*1*
2-Fluorophenol (Surr)	*104*		*10 - 150*	*11/09/25 12:08*	*11/11/25 20:34*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*11/09/25 12:08*	*11/11/25 20:34*	*1*
Phenol-d5 (Surr)	*89*		*10 - 150*	*11/09/25 12:08*	*11/11/25 20:34*	*1*
Terphenyl-d14 (Surr)	*74*		*28 - 150*	*11/09/25 12:08*	*11/11/25 20:34*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 15:26	1
Arsenic	**0.600**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 15:26	1
Chromium	**0.432**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 15:26	1
Copper	**3.99**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 15:26	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 15:26	1
Cobalt	**0.196**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 15:26	1
Barium	**48.8**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 15:26	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 15:26	1
Manganese	**54.0**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 15:26	1
Nickel	**1.26**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 15:26	1
Lead	**1.00**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 15:26	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 15:26	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 15:26	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 15:26	1
Vanadium	**0.637**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 15:26	1
Zinc	**11.5**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 15:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N (MCAWW 353.2_ASP)	ND		0.100	0.0168	mg/L			11/07/25 17:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0600**	**J**	0.100	0.0100	mg/L			11/10/25 12:54	1
Ammonia (EPA 350.1)	ND		0.250	0.100	mg/L			11/11/25 13:03	1
Nitrate as N (EPA Nitrate by calc)	**0.0600**	**J**	0.100	0.0100	mg/L			11/14/25 09:30	1
Sulfate (SM 4500 SO4 E)	**19.8**		5.00	1.40	mg/L			11/14/25 12:45	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-4
Date Collected: 11/06/25 08:05
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 22:05	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 22:05	1
Bromobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 22:05	1
Bromoform	ND	*3	5.00	0.250	ug/L			11/14/25 22:05	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 22:05	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 22:05	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 22:05	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 22:05	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 22:05	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 22:05	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 22:05	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 22:05	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 22:05	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 22:05	1
2-Chlorotoluene	ND	*3	1.00	0.570	ug/L			11/14/25 22:05	1
4-Chlorotoluene	ND	*3	1.00	0.560	ug/L			11/14/25 22:05	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 22:05	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 22:05	1
1,2-Dibromo-3-Chloropropane	ND	*3	5.00	1.50	ug/L			11/14/25 22:05	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 22:05	1
1,2-Dichlorobenzene	ND	*3	1.00	0.500	ug/L			11/14/25 22:05	1
1,3-Dichlorobenzene	ND	*3	1.00	0.540	ug/L			11/14/25 22:05	1
1,4-Dichlorobenzene	ND	*3	1.00	0.640	ug/L			11/14/25 22:05	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 22:05	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 22:05	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 22:05	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 22:05	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 22:05	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 22:05	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 22:05	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 22:05	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 22:05	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 22:05	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 22:05	1
Hexachlorobutadiene	ND	*3	5.00	0.900	ug/L			11/14/25 22:05	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 22:05	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 22:05	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 22:05	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 22:05	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 22:05	1
4-Isopropyltoluene	ND	*3	1.00	0.710	ug/L			11/14/25 22:05	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 22:05	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 22:05	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 22:05	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 22:05	1
Naphthalene	ND	*3	5.00	3.00	ug/L			11/14/25 22:05	1
n-Butylbenzene	ND	*3	1.00	0.760	ug/L			11/14/25 22:05	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 22:05	1
N-Propylbenzene	ND	*3	1.00	0.690	ug/L			11/14/25 22:05	1

Client Sample ID: SW-4
Date Collected: 11/06/25 08:05
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 22:05	1
sec-Butylbenzene	ND	*3	1.00	0.700	ug/L			11/14/25 22:05	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 22:05	1
tert-Butylbenzene	ND	*3	1.00	0.630	ug/L			11/14/25 22:05	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 22:05	1
1,1,2,2-Tetrachloroethane	ND	*3	1.00	0.500	ug/L			11/14/25 22:05	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 22:05	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 22:05	1
trans-1,4-Dichloro-2-butene	ND	*3	5.00	1.00	ug/L			11/14/25 22:05	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 22:05	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 22:05	1
1,2,3-Trichlorobenzene	ND	*3	1.00	0.900	ug/L			11/14/25 22:05	1
1,2,4-Trichlorobenzene	ND	*3	1.00	0.820	ug/L			11/14/25 22:05	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 22:05	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 22:05	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 22:05	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 22:05	1
1,2,3-Trichloropropane	ND	*3	5.00	0.840	ug/L			11/14/25 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 22:05	1
1,2,4-Trimethylbenzene	ND	*3	1.00	0.820	ug/L			11/14/25 22:05	1
1,3,5-Trimethylbenzene	ND	*3	1.00	0.560	ug/L			11/14/25 22:05	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 22:05	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 22:05	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*	*3	*56 - 136*		*11/14/25 22:05*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*11/14/25 22:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/14/25 22:05*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/14/25 22:05*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/12/25 13:01	11/14/25 11:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*11/12/25 13:01*	*11/14/25 11:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 12:08	11/11/25 21:04	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 12:08	11/11/25 21:04	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 12:08	11/11/25 21:04	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 12:08	11/11/25 21:04	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 12:08	11/11/25 21:04	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-4
Date Collected: 11/06/25 08:05
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 12:08	11/11/25 21:04	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 12:08	11/11/25 21:04	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 12:08	11/11/25 21:04	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 12:08	11/11/25 21:04	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 12:08	11/11/25 21:04	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 12:08	11/11/25 21:04	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 12:08	11/11/25 21:04	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 12:08	11/11/25 21:04	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 12:08	11/11/25 21:04	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 12:08	11/11/25 21:04	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 12:08	11/11/25 21:04	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 12:08	11/11/25 21:04	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 12:08	11/11/25 21:04	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 21:04	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 12:08	11/11/25 21:04	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 12:08	11/11/25 21:04	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 12:08	11/11/25 21:04	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 12:08	11/11/25 21:04	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 12:08	11/11/25 21:04	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 12:08	11/11/25 21:04	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 12:08	11/11/25 21:04	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 12:08	11/11/25 21:04	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 12:08	11/11/25 21:04	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 12:08	11/11/25 21:04	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 12:08	11/11/25 21:04	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 12:08	11/11/25 21:04	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 12:08	11/11/25 21:04	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 21:04	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 21:04	1
Caprolactam	ND	*+	10.0	2.40	ug/L		11/09/25 12:08	11/11/25 21:04	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 12:08	11/11/25 21:04	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 12:08	11/11/25 21:04	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 12:08	11/11/25 21:04	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 12:08	11/11/25 21:04	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 21:04	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 21:04	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 12:08	11/11/25 21:04	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 21:04	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 21:04	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 12:08	11/11/25 21:04	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 12:08	11/11/25 21:04	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 12:08	11/11/25 21:04	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 12:08	11/11/25 21:04	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 12:08	11/11/25 21:04	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 12:08	11/11/25 21:04	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 12:08	11/11/25 21:04	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 12:08	11/11/25 21:04	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 12:08	11/11/25 21:04	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 12:08	11/11/25 21:04	1

Client Sample ID: SW-4
Date Collected: 11/06/25 08:05
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 12:08	11/11/25 21:04	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 12:08	11/11/25 21:04	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 12:08	11/11/25 21:04	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 12:08	11/11/25 21:04	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*11/09/25 12:08*	*11/11/25 21:04*	*1*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*	*11/09/25 12:08*	*11/11/25 21:04*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 150*	*11/09/25 12:08*	*11/11/25 21:04*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*11/09/25 12:08*	*11/11/25 21:04*	*1*
Phenol-d5 (Surr)	*79*		*10 - 150*	*11/09/25 12:08*	*11/11/25 21:04*	*1*
Terphenyl-d14 (Surr)	*72*		*28 - 150*	*11/09/25 12:08*	*11/11/25 21:04*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 17:09	1
Arsenic	**0.622**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 17:09	1
Chromium	**0.614**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 17:09	1
Copper	**3.44**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 17:09	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 17:09	1
Cobalt	**0.199**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 17:09	1
Barium	**49.1**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 17:09	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 17:09	1
Manganese	**74.6**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 17:09	1
Nickel	**1.27**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 17:09	1
Lead	**0.503**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 17:09	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 17:09	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 17:09	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 17:09	1
Vanadium	**0.631**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 17:09	1
Zinc	**7.94**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 17:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N (MCAWW 353.2_ASP)	ND		0.100	0.0168	mg/L			11/07/25 17:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/10/25 12:52	1
Ammonia (EPA 350.1)	ND		0.250	0.100	mg/L			11/11/25 13:11	1
Nitrate as N (EPA Nitrate by calc)	ND		0.100	0.0100	mg/L			11/14/25 09:30	1
Sulfate (SM 4500 SO4 E)	**18.1**		5.00	1.40	mg/L			11/14/25 12:45	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/18/25 16:14	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 16:14	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 16:14	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 16:14	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/18/25 16:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 16:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 16:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 16:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 16:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 16:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 16:14	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 16:14	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 16:14	1
Chloromethane	ND		1.00	0.840	ug/L			11/18/25 16:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 16:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 16:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 16:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 16:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 16:14	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 16:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 16:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 16:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 16:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 16:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 16:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 16:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 16:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 16:14	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 16:14	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 16:14	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 16:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 16:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 16:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 16:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 16:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 16:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 16:14	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 16:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 16:14	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 16:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 16:14	1

Client Sample ID: SW-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 16:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 16:14	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 16:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 16:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 16:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 16:14	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 16:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 16:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 16:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 16:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 16:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 16:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 16:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 16:14	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 16:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 16:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 16:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 16:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 16:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 16:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 16:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 16:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/18/25 16:14*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*11/18/25 16:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*59 - 146*		*11/18/25 16:14*	*1*
Toluene-d8 (Surr)	*106*		*64 - 132*		*11/18/25 16:14*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		11/12/25 13:01	11/14/25 11:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/12/25 13:01*	*11/14/25 11:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		11/09/25 12:08	11/11/25 21:34	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		11/09/25 12:08	11/11/25 21:34	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		11/09/25 12:08	11/11/25 21:34	1
2-Chlorophenol	ND		10.1	0.848	ug/L		11/09/25 12:08	11/11/25 21:34	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		11/09/25 12:08	11/11/25 21:34	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		11/09/25 12:08	11/11/25 21:34	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/09/25 12:08	11/11/25 21:34	1
2-Nitrophenol	ND		10.1	1.18	ug/L		11/09/25 12:08	11/11/25 21:34	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		11/09/25 12:08	11/11/25 21:34	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		11/09/25 12:08	11/11/25 21:34	1
3-Nitroaniline	ND		10.1	0.960	ug/L		11/09/25 12:08	11/11/25 21:34	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		11/09/25 12:08	11/11/25 21:34	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/09/25 12:08	11/11/25 21:34	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		11/09/25 12:08	11/11/25 21:34	1
4-Chloroaniline	ND		10.1	0.586	ug/L		11/09/25 12:08	11/11/25 21:34	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/09/25 12:08	11/11/25 21:34	1
4-Nitroaniline	ND		10.1	3.54	ug/L		11/09/25 12:08	11/11/25 21:34	1
4-Nitrophenol	ND		10.1	2.77	ug/L		11/09/25 12:08	11/11/25 21:34	1
Acenaphthene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 21:34	1
Acenaphthylene	ND		10.1	0.768	ug/L		11/09/25 12:08	11/11/25 21:34	1
Acetophenone	ND		10.1	3.23	ug/L		11/09/25 12:08	11/11/25 21:34	1
Anthracene	ND		10.1	0.919	ug/L		11/09/25 12:08	11/11/25 21:34	1
Atrazine	ND		10.1	1.14	ug/L		11/09/25 12:08	11/11/25 21:34	1
Benzaldehyde	ND		10.1	0.677	ug/L		11/09/25 12:08	11/11/25 21:34	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 12:08	11/11/25 21:34	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 21:34	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/11/25 21:34	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 21:34	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 12:08	11/11/25 21:34	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		11/09/25 12:08	11/11/25 21:34	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		11/09/25 12:08	11/11/25 21:34	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		11/09/25 12:08	11/11/25 21:34	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 21:34	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 21:34	1
Caprolactam	ND	*+	10.1	2.42	ug/L		11/09/25 12:08	11/11/25 21:34	1
Carbazole	ND		10.1	0.323	ug/L		11/09/25 12:08	11/11/25 21:34	1
Chrysene	ND		10.1	1.21	ug/L		11/09/25 12:08	11/11/25 21:34	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/09/25 12:08	11/11/25 21:34	1
Dibenzofuran	ND		10.1	0.646	ug/L		11/09/25 12:08	11/11/25 21:34	1
Diethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 21:34	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 21:34	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		11/09/25 12:08	11/11/25 21:34	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		11/09/25 12:08	11/11/25 21:34	1
Fluoranthene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 21:34	1
Fluorene	ND		10.1	0.677	ug/L		11/09/25 12:08	11/11/25 21:34	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 12:08	11/11/25 21:34	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		11/09/25 12:08	11/11/25 21:34	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		11/09/25 12:08	11/11/25 21:34	1
Hexachloroethane	ND		10.1	0.535	ug/L		11/09/25 12:08	11/11/25 21:34	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 12:08	11/11/25 21:34	1
Isophorone	ND		10.1	0.808	ug/L		11/09/25 12:08	11/11/25 21:34	1
Naphthalene	ND		10.1	0.758	ug/L		11/09/25 12:08	11/11/25 21:34	1
Nitrobenzene	ND		10.1	0.606	ug/L		11/09/25 12:08	11/11/25 21:34	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		11/09/25 12:08	11/11/25 21:34	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-Dup

Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		11/09/25 12:08	11/11/25 21:34	1
Pentachlorophenol	ND		10.1	2.83	ug/L		11/09/25 12:08	11/11/25 21:34	1
Phenanthrene	ND		10.1	0.747	ug/L		11/09/25 12:08	11/11/25 21:34	1
Phenol	ND		10.1	0.687	ug/L		11/09/25 12:08	11/11/25 21:34	1
Pyrene	ND		10.1	0.636	ug/L		11/09/25 12:08	11/11/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*11/09/25 12:08*	*11/11/25 21:34*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*11/09/25 12:08*	*11/11/25 21:34*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 150*	*11/09/25 12:08*	*11/11/25 21:34*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*	*11/09/25 12:08*	*11/11/25 21:34*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*11/09/25 12:08*	*11/11/25 21:34*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*11/09/25 12:08*	*11/11/25 21:34*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:47	11/11/25 17:12	1
Arsenic	**0.647**	**J**	4.00	0.390	ug/L		11/10/25 15:47	11/11/25 17:12	1
Chromium	**0.452**	**J**	2.00	0.388	ug/L		11/10/25 15:47	11/11/25 17:12	1
Copper	**3.65**		2.00	0.643	ug/L		11/10/25 15:47	11/11/25 17:12	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:47	11/11/25 17:12	1
Cobalt	**0.213**	**J**	2.00	0.102	ug/L		11/10/25 15:47	11/11/25 17:12	1
Barium	**51.4**		4.00	0.368	ug/L		11/10/25 15:47	11/11/25 17:12	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 15:47	11/11/25 17:12	1
Manganese	**81.3**		1.00	0.987	ug/L		11/10/25 15:47	11/11/25 17:12	1
Nickel	**1.70**	**J**	4.00	0.915	ug/L		11/10/25 15:47	11/11/25 17:12	1
Lead	**0.736**	**J**	2.00	0.243	ug/L		11/10/25 15:47	11/11/25 17:12	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:47	11/11/25 17:12	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 15:47	11/11/25 17:12	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:47	11/11/25 17:12	1
Vanadium	**0.629**	**J**	2.00	0.486	ug/L		11/10/25 15:47	11/11/25 17:12	1
Zinc	**7.23**		4.00	1.29	ug/L		11/10/25 15:47	11/11/25 17:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N (MCAWW 353.2_ASP)	ND		0.100	0.0168	mg/L			11/07/25 17:21	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/10/25 12:50	1
Ammonia (EPA 350.1)	ND		0.250	0.100	mg/L			11/11/25 13:13	1
Nitrate as N (EPA Nitrate by calc)	ND		0.100	0.0100	mg/L			11/14/25 15:01	1
Sulfate (SM 4500 SO4 E)	**18.2**		5.00	1.40	mg/L			11/14/25 12:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: Trip Blank
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 16:37	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 16:37	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 16:37	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 16:37	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 16:37	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 16:37	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 16:37	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 16:37	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 16:37	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 16:37	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 16:37	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 16:37	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 16:37	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 16:37	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 16:37	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 16:37	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 16:37	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 16:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 16:37	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 16:37	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 16:37	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 16:37	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 16:37	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 16:37	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 16:37	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 16:37	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 16:37	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 16:37	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 16:37	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 16:37	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 16:37	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 16:37	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 16:37	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 16:37	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 16:37	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 16:37	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 16:37	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 16:37	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 16:37	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 16:37	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 16:37	1

Client Sample ID: Trip Blank
Date Collected: 11/06/25 00:00
Date Received: 11/06/25 16:45

Lab Sample ID: 752-38988-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 16:37	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 16:37	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 16:37	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 16:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 16:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 16:37	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 16:37	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 16:37	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 16:37	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 16:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 16:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 16:37	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 16:37	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 16:37	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 16:37	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 16:37	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 16:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 16:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 16:37	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 16:37	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 16:37	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*56 - 136*		*11/14/25 16:37*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*11/14/25 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*11/14/25 16:37*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*11/14/25 16:37*	*1*

Surrogate Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-38988-1	SW-1	99 *3	106	109	102
752-38988-2	SW-2	98 *3	105	108	103
752-38988-3	SW-3	99 *3	106	110	100
752-38988-4	SW-4	100 *3	106	110	103
752-38988-5	SW-Dup	104	100	95	106
752-38988-6	Trip Blank	105	102	104	103
LCS 400-730574/1002	Lab Control Sample	92	94	85	100
LCS 400-730960/1002	Lab Control Sample	91	92	88	101
MB 400-730574/4	Method Blank	104	102	102	102
MB 400-730960/4	Method Blank	106	106	110	106

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-38988-1	SW-1	75	77	90	72	78	66
752-38988-2	SW-2	79	81	95	74	83	71
752-38988-3	SW-3	87	83	104	78	89	74
752-38988-4	SW-4	76	81	93	74	79	72
752-38988-5	SW-Dup	80	79	92	73	81	66
LCS 400-729865/2-A	Lab Control Sample	81	76	95	72	88	96
MB 400-729865/1-A	Method Blank	76	83	94	78	84	93

Surrogate Legend

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

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID	(10-140)							
752-38988-1	SW-1	26							
752-38988-2	SW-2	30							
752-38988-3	SW-3	28							
752-38988-4	SW-4	26							
752-38988-5	SW-Dup	28							
LCS 400-730273/2-A	Lab Control Sample	29							
LCSD 400-730273/3-A	Lab Control Sample Dup	28							
MB 400-730273/1-A	Method Blank	29							

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730574/4
Matrix: Water
Analysis Batch: 730574

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 12:25	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 12:25	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 12:25	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 12:25	1
Bromomethane	ND		1.00	0.980	ug/L			11/14/25 12:25	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 12:25	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 12:25	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 12:25	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 12:25	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 12:25	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 12:25	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 12:25	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 12:25	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 12:25	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 12:25	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 12:25	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 12:25	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 12:25	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 12:25	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 12:25	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 12:25	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 12:25	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 12:25	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 12:25	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 12:25	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 12:25	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 12:25	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 12:25	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 12:25	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 12:25	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 12:25	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 12:25	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 12:25	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 12:25	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 12:25	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 12:25	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 12:25	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 12:25	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 12:25	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 12:25	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 12:25	1

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

Lab Sample ID: MB 400-730574/4
Matrix: Water
Analysis Batch: 730574

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 12:25	1
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 12:25	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 12:25	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 12:25	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 12:25	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 12:25	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 12:25	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 12:25	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 12:25	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 12:25	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 12:25	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 12:25	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 12:25	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 12:25	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 12:25	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 12:25	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 12:25	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 12:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 12:25	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 12:25	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 12:25	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 12:25	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 12:25	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 12:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/14/25 12:25*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*11/14/25 12:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*		*11/14/25 12:25*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/14/25 12:25*	*1*

Lab Sample ID: LCS 400-730574/1002
Matrix: Water
Analysis Batch: 730574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	133.3		ug/L		67	43 - 150
Benzene	50.0	48.65		ug/L		97	70 - 130
Bromobenzene	50.0	52.55		ug/L		105	70 - 132
Bromoform	50.0	47.84		ug/L		96	57 - 140
Bromomethane	50.0	79.38	*+	ug/L		159	10 - 150
2-Butanone (MEK)	200	166.9		ug/L		83	61 - 145
Carbon disulfide	50.0	41.13		ug/L		82	61 - 137
Carbon tetrachloride	50.0	45.34		ug/L		91	61 - 137
Chlorobenzene	50.0	53.10		ug/L		106	70 - 130
Chlorobromomethane	50.0	46.67		ug/L		93	70 - 130
Chlorodibromomethane	50.0	50.13		ug/L		100	67 - 135

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

Lab Sample ID: LCS 400-730574/1002
Matrix: Water
Analysis Batch: 730574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	54.47		ug/L		109	55 - 141
Chloroform	50.0	47.52		ug/L		95	69 - 130
Chloromethane	50.0	48.98		ug/L		98	58 - 137
2-Chlorotoluene	50.0	50.37		ug/L		101	70 - 130
4-Chlorotoluene	50.0	52.60		ug/L		105	70 - 130
cis-1,2-Dichloroethene	50.0	42.77		ug/L		86	68 - 130
cis-1,3-Dichloropropene	50.0	47.81		ug/L		96	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	44.38		ug/L		89	54 - 135
Dibromomethane	50.0	45.62		ug/L		91	70 - 130
1,2-Dichlorobenzene	50.0	54.55		ug/L		109	67 - 130
1,3-Dichlorobenzene	50.0	54.15		ug/L		108	70 - 130
1,4-Dichlorobenzene	50.0	53.84		ug/L		108	70 - 130
Dichlorobromomethane	50.0	46.84		ug/L		94	67 - 133
1,1-Dichloroethane	50.0	43.04		ug/L		86	70 - 130
1,2-Dichloroethane	50.0	40.65		ug/L		81	69 - 130
1,1-Dichloroethene	50.0	45.04		ug/L		90	63 - 134
1,2-Dichloropropane	50.0	46.80		ug/L		94	70 - 130
1,3-Dichloropropane	50.0	48.95		ug/L		98	70 - 130
2,2-Dichloropropane	50.0	42.40		ug/L		85	52 - 135
1,1-Dichloropropene	50.0	45.87		ug/L		92	70 - 130
Ethyl acetate	100	79.96		ug/L		80	34 - 150
Ethylbenzene	50.0	53.68		ug/L		107	70 - 130
Ethylene Dibromide	50.0	50.07		ug/L		100	70 - 130
Hexachlorobutadiene	50.0	59.18		ug/L		118	53 - 140
Hexane	50.0	38.69		ug/L		77	69 - 130
2-Hexanone	200	161.0		ug/L		81	65 - 137
Iodomethane	50.0	48.89		ug/L		98	27 - 150
Isopropylbenzene	50.0	55.49		ug/L		111	70 - 130
Isopropyl ether	50.0	37.97		ug/L		76	64 - 132
4-Isopropyltoluene	50.0	54.86		ug/L		110	65 - 130
Methylene Chloride	50.0	47.47		ug/L		95	66 - 135
4-Methyl-2-pentanone (MIBK)	200	141.7		ug/L		71	69 - 138
Methyl tert-butyl ether	50.0	39.66		ug/L		79	66 - 130
m-Xylene & p-Xylene	50.0	53.81		ug/L		108	70 - 130
Naphthalene	50.0	47.40		ug/L		95	47 - 149
n-Butylbenzene	50.0	54.21		ug/L		108	67 - 130
n-Heptane	50.0	37.12		ug/L		74	70 - 130
N-Propylbenzene	50.0	53.47		ug/L		107	70 - 130
o-Xylene	50.0	52.67		ug/L		105	70 - 130
sec-Butylbenzene	50.0	53.83		ug/L		108	66 - 130
Styrene	50.0	55.61		ug/L		111	70 - 130
tert-Butylbenzene	50.0	50.29		ug/L		101	64 - 139
1,1,1,2-Tetrachloroethane	50.0	52.29		ug/L		105	67 - 131
1,1,2,2-Tetrachloroethane	50.0	45.15		ug/L		90	70 - 131
Tetrachloroethene	50.0	51.63		ug/L		103	65 - 130
Toluene	50.0	50.98		ug/L		102	70 - 130
trans-1,4-Dichloro-2-butene	50.0	39.71		ug/L		79	57 - 140
trans-1,2-Dichloroethene	50.0	44.90		ug/L		90	70 - 130
trans-1,3-Dichloropropene	50.0	49.43		ug/L		99	63 - 130

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

Lab Sample ID: LCS 400-730574/1002
Matrix: Water
Analysis Batch: 730574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	53.65		ug/L		107	60 - 138
1,2,4-Trichlorobenzene	50.0	52.97		ug/L		106	60 - 140
1,1,1-Trichloroethane	50.0	45.02		ug/L		90	68 - 130
1,1,2-Trichloroethane	50.0	50.99		ug/L		102	70 - 130
Trichloroethene	50.0	47.34		ug/L		95	70 - 130
Trichlorofluoromethane	50.0	42.57		ug/L		85	65 - 138
1,2,3-Trichloropropane	50.0	45.21		ug/L		90	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.48		ug/L		99	60 - 139
1,2,4-Trimethylbenzene	50.0	54.06		ug/L		108	70 - 130
1,3,5-Trimethylbenzene	50.0	53.40		ug/L		107	69 - 130
Vinyl acetate	100	89.56		ug/L		90	26 - 150
Vinyl chloride	50.0	49.04		ug/L		98	59 - 136
Xylenes, Total	100	106.5		ug/L		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*56 - 136*
Dibromofluoromethane	*94*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*85*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

Lab Sample ID: MB 400-730960/4
Matrix: Water
Analysis Batch: 730960

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/18/25 11:53	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 11:53	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 11:53	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 11:53	1
Bromomethane	ND		1.00	0.980	ug/L			11/18/25 11:53	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 11:53	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 11:53	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 11:53	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 11:53	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 11:53	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 11:53	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 11:53	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 11:53	1
Chloromethane	ND		1.00	0.840	ug/L			11/18/25 11:53	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 11:53	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 11:53	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 11:53	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 11:53	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 11:53	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 11:53	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 11:53	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 11:53	1

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

Lab Sample ID: MB 400-730960/4
Matrix: Water
Analysis Batch: 730960

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 11:53	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 11:53	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 11:53	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 11:53	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 11:53	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 11:53	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 11:53	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 11:53	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 11:53	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 11:53	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 11:53	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 11:53	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 11:53	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 11:53	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 11:53	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 11:53	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 11:53	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 11:53	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 11:53	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 11:53	1
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 11:53	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 11:53	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 11:53	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 11:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 11:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 11:53	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 11:53	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 11:53	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 11:53	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 11:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 11:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 11:53	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 11:53	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 11:53	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 11:53	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 11:53	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 11:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 11:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 11:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 11:53	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 11:53	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 11:53	1

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

Lab Sample ID: MB 400-730960/4
Matrix: Water
Analysis Batch: 730960

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*56 - 136*		*11/18/25 11:53*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*11/18/25 11:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/18/25 11:53*	*1*
Toluene-d8 (Surr)	*106*		*64 - 132*		*11/18/25 11:53*	*1*

Lab Sample ID: LCS 400-730960/1002
Matrix: Water
Analysis Batch: 730960

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	143.6		ug/L		72	43 - 150
Benzene	50.0	50.01		ug/L		100	70 - 130
Bromobenzene	50.0	53.82		ug/L		108	70 - 132
Bromoform	50.0	49.36		ug/L		99	57 - 140
Bromomethane	50.0	83.41	*+	ug/L		167	10 - 150
2-Butanone (MEK)	200	162.5		ug/L		81	61 - 145
Carbon disulfide	50.0	40.45		ug/L		81	61 - 137
Carbon tetrachloride	50.0	46.42		ug/L		93	61 - 137
Chlorobenzene	50.0	55.25		ug/L		110	70 - 130
Chlorobromomethane	50.0	46.91		ug/L		94	70 - 130
Chlorodibromomethane	50.0	53.16		ug/L		106	67 - 135
Chloroethane	50.0	53.12		ug/L		106	55 - 141
Chloroform	50.0	47.76		ug/L		96	69 - 130
Chloromethane	50.0	49.41		ug/L		99	58 - 137
2-Chlorotoluene	50.0	53.94		ug/L		108	70 - 130
4-Chlorotoluene	50.0	56.20		ug/L		112	70 - 130
cis-1,2-Dichloroethene	50.0	41.88		ug/L		84	68 - 130
cis-1,3-Dichloropropene	50.0	48.65		ug/L		97	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	46.28		ug/L		93	54 - 135
Dibromomethane	50.0	46.54		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	59.03		ug/L		118	67 - 130
1,3-Dichlorobenzene	50.0	56.39		ug/L		113	70 - 130
1,4-Dichlorobenzene	50.0	58.19		ug/L		116	70 - 130
Dichlorobromomethane	50.0	47.34		ug/L		95	67 - 133
1,1-Dichloroethane	50.0	43.71		ug/L		87	70 - 130
1,2-Dichloroethane	50.0	42.20		ug/L		84	69 - 130
1,1-Dichloroethene	50.0	44.58		ug/L		89	63 - 134
1,2-Dichloropropane	50.0	47.62		ug/L		95	70 - 130
1,3-Dichloropropane	50.0	51.42		ug/L		103	70 - 130
2,2-Dichloropropane	50.0	41.61		ug/L		83	52 - 135
1,1-Dichloropropene	50.0	46.03		ug/L		92	70 - 130
Ethyl acetate	100	77.50		ug/L		78	34 - 150
Ethylbenzene	50.0	56.30		ug/L		113	70 - 130
Ethylene Dibromide	50.0	53.41		ug/L		107	70 - 130
Hexachlorobutadiene	50.0	59.80		ug/L		120	53 - 140

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

Lab Sample ID: LCS 400-730960/1002
Matrix: Water
Analysis Batch: 730960

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	50.0	38.79		ug/L		78	69 - 130
2-Hexanone	200	177.8		ug/L		89	65 - 137
Iodomethane	50.0	48.40		ug/L		97	27 - 150
Isopropylbenzene	50.0	58.02		ug/L		116	70 - 130
Isopropyl ether	50.0	38.82		ug/L		78	64 - 132
4-Isopropyltoluene	50.0	57.53		ug/L		115	65 - 130
Methylene Chloride	50.0	47.94		ug/L		96	66 - 135
4-Methyl-2-pentanone (MIBK)	200	147.7		ug/L		74	69 - 138
Methyl tert-butyl ether	50.0	40.53		ug/L		81	66 - 130
m-Xylene & p-Xylene	50.0	56.90		ug/L		114	70 - 130
Naphthalene	50.0	47.73		ug/L		95	47 - 149
n-Butylbenzene	50.0	58.56		ug/L		117	67 - 130
n-Heptane	50.0	37.96		ug/L		76	70 - 130
N-Propylbenzene	50.0	55.13		ug/L		110	70 - 130
o-Xylene	50.0	56.52		ug/L		113	70 - 130
sec-Butylbenzene	50.0	57.60		ug/L		115	66 - 130
Styrene	50.0	58.29		ug/L		117	70 - 130
tert-Butylbenzene	50.0	54.31		ug/L		109	64 - 139
1,1,1,2-Tetrachloroethane	50.0	55.68		ug/L		111	67 - 131
1,1,2,2-Tetrachloroethane	50.0	47.54		ug/L		95	70 - 131
Tetrachloroethene	50.0	53.19		ug/L		106	65 - 130
Toluene	50.0	53.16		ug/L		106	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.54		ug/L		85	57 - 140
trans-1,2-Dichloroethene	50.0	45.16		ug/L		90	70 - 130
trans-1,3-Dichloropropene	50.0	50.70		ug/L		101	63 - 130
1,2,3-Trichlorobenzene	50.0	54.20		ug/L		108	60 - 138
1,2,4-Trichlorobenzene	50.0	53.47		ug/L		107	60 - 140
1,1,1-Trichloroethane	50.0	46.18		ug/L		92	68 - 130
1,1,2-Trichloroethane	50.0	53.46		ug/L		107	70 - 130
Trichloroethene	50.0	48.04		ug/L		96	70 - 130
Trichlorofluoromethane	50.0	41.28		ug/L		83	65 - 138
1,2,3-Trichloropropane	50.0	47.54		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.18		ug/L		106	60 - 139
1,2,4-Trimethylbenzene	50.0	58.22		ug/L		116	70 - 130
1,3,5-Trimethylbenzene	50.0	56.64		ug/L		113	69 - 130
Vinyl acetate	100	93.53		ug/L		94	26 - 150
Vinyl chloride	50.0	48.81		ug/L		98	59 - 136
Xylenes, Total	100	113.4		ug/L		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*91*		*56 - 136*
Dibromofluoromethane	*92*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*88*		*59 - 146*
Toluene-d8 (Surr)	*101*		*64 - 132*

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

Lab Sample ID: MB 400-729865/1-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 12:08	11/11/25 16:07	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 12:08	11/11/25 16:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 12:08	11/11/25 16:07	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 12:08	11/11/25 16:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 12:08	11/11/25 16:07	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 12:08	11/11/25 16:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 12:08	11/11/25 16:07	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 12:08	11/11/25 16:07	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 16:07	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 12:08	11/11/25 16:07	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 12:08	11/11/25 16:07	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 12:08	11/11/25 16:07	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 12:08	11/11/25 16:07	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 12:08	11/11/25 16:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 12:08	11/11/25 16:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 12:08	11/11/25 16:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 12:08	11/11/25 16:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 12:08	11/11/25 16:07	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 12:08	11/11/25 16:07	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 12:08	11/11/25 16:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 12:08	11/11/25 16:07	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 12:08	11/11/25 16:07	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 12:08	11/11/25 16:07	1

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

Lab Sample ID: MB 400-729865/1-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 12:08	11/11/25 16:07	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 16:07	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 12:08	11/11/25 16:07	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 12:08	11/11/25 16:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 12:08	11/11/25 16:07	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 12:08	11/11/25 16:07	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 12:08	11/11/25 16:07	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 12:08	11/11/25 16:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 12:08	11/11/25 16:07	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 12:08	11/11/25 16:07	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 12:08	11/11/25 16:07	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 12:08	11/11/25 16:07	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 12:08	11/11/25 16:07	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 12:08	11/11/25 16:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
2-Fluorophenol (Surr)	*94*		*10 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*
Terphenyl-d14 (Surr)	*93*		*28 - 150*	*11/09/25 12:08*	*11/11/25 16:07*	*1*

Lab Sample ID: LCS 400-729865/2-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729865

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	20.11		ug/L		60	27 - 120
2,4,5-Trichlorophenol	33.3	25.59		ug/L		77	27 - 136
2,4,6-Trichlorophenol	33.3	26.39		ug/L		79	21 - 132
2,4-Dichlorophenol	33.3	33.17		ug/L		100	30 - 125
2,4-Dimethylphenol	33.3	32.50		ug/L		97	10 - 142
2,4-Dinitrophenol	66.7	37.16		ug/L		56	10 - 150
2,4-Dinitrotoluene	33.3	25.06		ug/L		75	30 - 129
2,6-Dinitrotoluene	33.3	23.47		ug/L		70	34 - 132
2-Chloronaphthalene	33.3	17.77		ug/L		53	10 - 150
2-Chlorophenol	33.3	29.04		ug/L		87	28 - 127
2-Methylnaphthalene	33.3	21.26		ug/L		64	24 - 150
2-Methylphenol	33.3	29.53		ug/L		89	11 - 121
2-Nitroaniline	33.3	24.90		ug/L		75	31 - 141
2-Nitrophenol	33.3	28.91		ug/L		87	31 - 142
3 & 4 Methylphenol	33.3	23.80		ug/L		71	10 - 150
3,3'-Dichlorobenzidine	66.7	34.92		ug/L		52	10 - 150
3-Nitroaniline	33.3	25.11		ug/L		75	33 - 136

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

Lab Sample ID: LCS 400-729865/2-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729865

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	66.7	36.46		ug/L		55	10 - 150
4-Bromophenyl phenyl ether	33.3	23.65		ug/L		71	24 - 120
4-Chloro-3-methylphenol	33.3	36.12		ug/L		108	10 - 137
4-Chloroaniline	33.3	38.36		ug/L		115	10 - 150
4-Chlorophenyl phenyl ether	33.3	21.43		ug/L		64	31 - 110
4-Nitroaniline	33.3	21.99		ug/L		66	37 - 139
4-Nitrophenol	66.7	47.24		ug/L		71	10 - 150
Acenaphthene	33.3	22.78		ug/L		68	29 - 150
Acenaphthylene	33.3	22.89		ug/L		69	30 - 150
Acetophenone	33.3	24.26		ug/L		73	27 - 119
Anthracene	33.3	26.97		ug/L		81	31 - 150
Atrazine	33.3	26.48		ug/L		79	10 - 150
Benzaldehyde	33.3	24.13		ug/L		72	10 - 150
Benzo[a]anthracene	33.3	26.37		ug/L		79	36 - 150
Benzo[a]pyrene	33.3	26.21		ug/L		79	29 - 150
Benzo[b]fluoranthene	33.3	26.47		ug/L		79	32 - 150
Benzo[g,h,i]perylene	33.3	24.81		ug/L		74	28 - 150
Benzo[k]fluoranthene	33.3	25.77		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.57		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	30.65		ug/L		92	34 - 120
Bis(2-chloroethyl)ether	33.3	24.94		ug/L		75	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	28.12		ug/L		84	24 - 133
Butyl benzyl phthalate	33.3	23.15		ug/L		69	24 - 140
Caprolactam	33.3	70.06	E *+	ug/L		210	10 - 150
Carbazole	33.3	28.44		ug/L		85	28 - 123
Chrysene	33.3	26.85		ug/L		81	34 - 150
Dibenz(a,h)anthracene	33.3	23.44		ug/L		70	29 - 150
Dibenzofuran	33.3	21.63		ug/L		65	35 - 110
Diethyl phthalate	33.3	18.89		ug/L		57	31 - 118
Dimethyl phthalate	33.3	16.28		ug/L		49	24 - 125
Di-n-butyl phthalate	33.3	25.12		ug/L		75	30 - 127
Di-n-octyl phthalate	33.3	28.30		ug/L		85	28 - 142
Fluoranthene	33.3	25.26		ug/L		76	30 - 150
Fluorene	33.3	24.60		ug/L		74	30 - 150
Hexachlorobenzene	33.3	23.42		ug/L		70	29 - 113
Hexachlorobutadiene	33.3	4.071	J	ug/L		12	10 - 117
Hexachlorocyclopentadiene	33.3	5.166	J	ug/L		15	10 - 150
Hexachloroethane	33.3	6.077	J	ug/L		18	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.32		ug/L		64	28 - 150
Isophorone	33.3	24.91		ug/L		75	29 - 125
Naphthalene	33.3	20.34		ug/L		61	27 - 150
Nitrobenzene	33.3	26.52		ug/L		80	29 - 129
N-Nitrosodi-n-propylamine	33.3	27.53		ug/L		83	50 - 134
N-Nitrosodiphenylamine	33.1	26.70		ug/L		81	50 - 132
Pentachlorophenol	66.7	49.25		ug/L		74	14 - 150
Phenanthrene	33.3	25.39		ug/L		76	32 - 150
Phenol	33.3	29.60		ug/L		89	10 - 150
Pyrene	33.3	26.04		ug/L		78	30 - 150

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

Lab Sample ID: LCS 400-729865/2-A
Matrix: Water
Analysis Batch: 730057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729865

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*
2-Fluorophenol (Surr)	*95*		*10 - 150*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*
Phenol-d5 (Surr)	*88*		*10 - 150*
Terphenyl-d14 (Surr)	*96*		*28 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-730273/1-A
Matrix: Water
Analysis Batch: 730448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/12/25 13:01	11/13/25 14:49	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*11/12/25 13:01*	*11/13/25 14:49*	*1*

Lab Sample ID: LCS 400-730273/2-A
Matrix: Water
Analysis Batch: 730448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730273

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	17.69		ug/L		111	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 140*

Lab Sample ID: LCSD 400-730273/3-A
Matrix: Water
Analysis Batch: 730448

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 730273

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.79		ug/L		111	30 - 150	1	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*28*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186750/3-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.900	0.0333	ug/L		11/10/25 15:47	11/11/25 12:06	1
Arsenic	ND		3.60	0.351	ug/L		11/10/25 15:47	11/11/25 12:06	1
Chromium	ND		1.80	0.349	ug/L		11/10/25 15:47	11/11/25 12:06	1
Copper	ND		1.80	0.579	ug/L		11/10/25 15:47	11/11/25 12:06	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 670-186750/3-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		1.80	0.221	ug/L		11/10/25 15:47	11/11/25 12:06	1
Cobalt	ND		1.80	0.0918	ug/L		11/10/25 15:47	11/11/25 12:06	1
Barium	ND		3.60	0.331	ug/L		11/10/25 15:47	11/11/25 12:06	1
Beryllium	ND		0.900	0.288	ug/L		11/10/25 15:47	11/11/25 12:06	1
Manganese	ND		0.900	0.888	ug/L		11/10/25 15:47	11/11/25 12:06	1
Nickel	ND		3.60	0.824	ug/L		11/10/25 15:47	11/11/25 12:06	1
Lead	ND		1.80	0.219	ug/L		11/10/25 15:47	11/11/25 12:06	1
Antimony	ND		1.80	0.366	ug/L		11/10/25 15:47	11/11/25 12:06	1
Selenium	ND		3.60	0.435	ug/L		11/10/25 15:47	11/11/25 12:06	1
Thallium	ND		0.900	0.314	ug/L		11/10/25 15:47	11/11/25 12:06	1
Vanadium	ND		1.80	0.437	ug/L		11/10/25 15:47	11/11/25 12:06	1
Zinc	ND		3.60	1.16	ug/L		11/10/25 15:47	11/11/25 12:06	1

Lab Sample ID: LCS 670-186750/1-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	100	94.34		ug/L		94	80 - 120
Arsenic	100	94.47		ug/L		94	80 - 120
Chromium	100	94.86		ug/L		95	80 - 120
Copper	100	93.64		ug/L		94	80 - 120
Cadmium	100	91.95		ug/L		92	80 - 120
Cobalt	100	90.68		ug/L		91	80 - 120
Barium	100	88.85		ug/L		89	80 - 120
Beryllium	100	96.10		ug/L		96	80 - 120
Manganese	1100	1085		ug/L		99	80 - 120
Nickel	100	93.75		ug/L		94	80 - 120
Lead	100	87.61		ug/L		88	80 - 120
Antimony	100	92.63		ug/L		93	80 - 120
Selenium	100	91.68		ug/L		92	80 - 120
Thallium	100	87.40		ug/L		87	80 - 120
Vanadium	100	94.11		ug/L		94	80 - 120
Zinc	100	96.30		ug/L		96	80 - 120

Lab Sample ID: LCSD 670-186750/2-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	100	95.23		ug/L		95	80 - 120	1	20
Arsenic	100	94.72		ug/L		95	80 - 120	0	20
Chromium	100	92.97		ug/L		93	80 - 120	2	20
Copper	100	92.12		ug/L		92	80 - 120	2	20
Cadmium	100	92.71		ug/L		93	80 - 120	1	20
Cobalt	100	89.89		ug/L		90	80 - 120	1	20
Barium	100	89.26		ug/L		89	80 - 120	0	20
Beryllium	100	97.88		ug/L		98	80 - 120	2	20
Manganese	1100	1065		ug/L		97	80 - 120	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 670-186750/2-A
Matrix: Water
Analysis Batch: 187233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186750

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel			100	92.70		ug/L		93	80 - 120	1	20
Lead			100	86.98		ug/L		87	80 - 120	1	20
Antimony			100	92.07		ug/L		92	80 - 120	1	20
Selenium			100	90.21		ug/L		90	80 - 120	2	20
Thallium			100	90.40		ug/L		90	80 - 120	3	20
Vanadium			100	92.79		ug/L		93	80 - 120	1	20
Zinc			100	95.43		ug/L		95	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 670-186950/13-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 12:26	11/12/25 10:40	1

Lab Sample ID: LCS 670-186950/11-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186950

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			5.00	4.850		ug/L		97	85 - 115		

Lab Sample ID: LCSD 670-186950/12-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186950

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			5.00	4.830		ug/L		97	85 - 115	0	20

Lab Sample ID: 752-38988-1 MS
Matrix: Water
Analysis Batch: 187324

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 186950

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		5.00	4.820		ug/L		96	80 - 120		

Lab Sample ID: 752-38988-1 MSD
Matrix: Water
Analysis Batch: 187324

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 186950

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		5.00	4.730		ug/L		95	80 - 120	2	20

Method: 353.2_ASP - Nitrite

Lab Sample ID: MB 752-14110/10
Matrix: Water
Analysis Batch: 14110

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			11/07/25 16:57	1

Lab Sample ID: LCS 752-14110/13
Matrix: Water
Analysis Batch: 14110

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N			1.00	1.004		mg/L		100	90 - 110		

Lab Sample ID: LCSD 752-14110/40
Matrix: Water
Analysis Batch: 14110

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
Nitrite as N			1.00	1.043		mg/L		104	90 - 110	4	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887107/28
Matrix: Water
Analysis Batch: 887107

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/10/25 12:32	1

Lab Sample ID: LCS 680-887107/29
Matrix: Water
Analysis Batch: 887107

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	0.9990		mg/L		100	90 - 110		

Method: EPA 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887112/13
Matrix: Water
Analysis Batch: 887112

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/10/25 10:50	1

Lab Sample ID: LCS 680-887112/14
Matrix: Water
Analysis Batch: 887112

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			1.00	0.9903		mg/L		99	90 - 110		

Method: EPA 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 680-887141/13
Matrix: Water
Analysis Batch: 887141

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/11/25 12:47	1

Lab Sample ID: LCS 680-887141/14
Matrix: Water
Analysis Batch: 887141

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			1.00	0.9733		mg/L		97	90 - 110		

Lab Sample ID: 752-38988-2 MS
Matrix: Water
Analysis Batch: 887141

Client Sample ID: SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND	F1	1.00	0.8822	F1	mg/L		88	90 - 110		

Lab Sample ID: 752-38988-2 MSD
Matrix: Water
Analysis Batch: 887141

Client Sample ID: SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND	F1	1.00	0.8745	F1	mg/L		87	90 - 110	1	30

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-730649/12
Matrix: Water
Analysis Batch: 730649

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/14/25 12:32	1

Lab Sample ID: LCS 400-730649/13
Matrix: Water
Analysis Batch: 730649

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	16.33		mg/L		109	90 - 110		

Lab Sample ID: MRL 400-730649/14
Matrix: Water
Analysis Batch: 730649

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	4.657	J	mg/L		93	50 - 150		

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 752-38988-1 MS
Matrix: Water
Analysis Batch: 730649

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	19.4	F1	10.0	32.43	F1	mg/L		130	77 - 128		

Lab Sample ID: 752-38988-1 MSD
Matrix: Water
Analysis Batch: 730649

Client Sample ID: SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	19.4	F1	10.0	33.22	F1	mg/L		138	77 - 128	2	5

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

GC/MS VOA

Analysis Batch: 730574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	8260D	
752-38988-2	SW-2	Total/NA	Water	8260D	
752-38988-3	SW-3	Total/NA	Water	8260D	
752-38988-4	SW-4	Total/NA	Water	8260D	
752-38988-6	Trip Blank	Total/NA	Water	8260D	
MB 400-730574/4	Method Blank	Total/NA	Water	8260D	
LCS 400-730574/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 730960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-5	SW-Dup	Total/NA	Water	8260D	
MB 400-730960/4	Method Blank	Total/NA	Water	8260D	
LCS 400-730960/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	3511	
752-38988-2	SW-2	Total/NA	Water	3511	
752-38988-3	SW-3	Total/NA	Water	3511	
752-38988-4	SW-4	Total/NA	Water	3511	
752-38988-5	SW-Dup	Total/NA	Water	3511	
MB 400-729865/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729865/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 730057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	8270E	729865
752-38988-2	SW-2	Total/NA	Water	8270E	729865
752-38988-3	SW-3	Total/NA	Water	8270E	729865
752-38988-4	SW-4	Total/NA	Water	8270E	729865
752-38988-5	SW-Dup	Total/NA	Water	8270E	729865
MB 400-729865/1-A	Method Blank	Total/NA	Water	8270E	729865
LCS 400-729865/2-A	Lab Control Sample	Total/NA	Water	8270E	729865

Prep Batch: 730273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	3510C	
752-38988-2	SW-2	Total/NA	Water	3510C	
752-38988-3	SW-3	Total/NA	Water	3510C	
752-38988-4	SW-4	Total/NA	Water	3510C	
752-38988-5	SW-Dup	Total/NA	Water	3510C	
MB 400-730273/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-730273/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-730273/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 730448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-730273/1-A	Method Blank	Total/NA	Water	8270E SIM ID	730273
LCS 400-730273/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	730273

GC/MS Semi VOA (Continued)

Analysis Batch: 730448 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 400-730273/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	730273

Analysis Batch: 730615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	8270E SIM ID	730273
752-38988-2	SW-2	Total/NA	Water	8270E SIM ID	730273
752-38988-3	SW-3	Total/NA	Water	8270E SIM ID	730273
752-38988-4	SW-4	Total/NA	Water	8270E SIM ID	730273
752-38988-5	SW-Dup	Total/NA	Water	8270E SIM ID	730273

Metals

Prep Batch: 186750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total Recoverable	Water	3005A	
752-38988-2	SW-2	Total Recoverable	Water	3005A	
752-38988-3	SW-3	Total Recoverable	Water	3005A	
752-38988-4	SW-4	Total Recoverable	Water	3005A	
752-38988-5	SW-Dup	Total Recoverable	Water	3005A	
MB 670-186750/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-186750/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-186750/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 186950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	7470A	
752-38988-2	SW-2	Total/NA	Water	7470A	
752-38988-3	SW-3	Total/NA	Water	7470A	
752-38988-4	SW-4	Total/NA	Water	7470A	
752-38988-5	SW-Dup	Total/NA	Water	7470A	
MB 670-186950/13-A	Method Blank	Total/NA	Water	7470A	
LCS 670-186950/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 670-186950/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
752-38988-1 MS	SW-1	Total/NA	Water	7470A	
752-38988-1 MSD	SW-1	Total/NA	Water	7470A	

Analysis Batch: 187233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total Recoverable	Water	6020B	186750
752-38988-2	SW-2	Total Recoverable	Water	6020B	186750
752-38988-3	SW-3	Total Recoverable	Water	6020B	186750
752-38988-4	SW-4	Total Recoverable	Water	6020B	186750
752-38988-5	SW-Dup	Total Recoverable	Water	6020B	186750
MB 670-186750/3-A	Method Blank	Total Recoverable	Water	6020B	186750
LCS 670-186750/1-A	Lab Control Sample	Total Recoverable	Water	6020B	186750
LCSD 670-186750/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	186750

Analysis Batch: 187324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	7470A	186950
752-38988-2	SW-2	Total/NA	Water	7470A	186950

Metals (Continued)

Analysis Batch: 187324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-3	SW-3	Total/NA	Water	7470A	186950
752-38988-4	SW-4	Total/NA	Water	7470A	186950
752-38988-5	SW-Dup	Total/NA	Water	7470A	186950
MB 670-186950/13-A	Method Blank	Total/NA	Water	7470A	186950
LCS 670-186950/11-A	Lab Control Sample	Total/NA	Water	7470A	186950
LCSD 670-186950/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	186950
752-38988-1 MS	SW-1	Total/NA	Water	7470A	186950
752-38988-1 MSD	SW-1	Total/NA	Water	7470A	186950

General Chemistry

Analysis Batch: 14110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	353.2_ASP	
752-38988-2	SW-2	Total/NA	Water	353.2_ASP	
752-38988-3	SW-3	Total/NA	Water	353.2_ASP	
752-38988-4	SW-4	Total/NA	Water	353.2_ASP	
752-38988-5	SW-Dup	Total/NA	Water	353.2_ASP	
MB 752-14110/10	Method Blank	Total/NA	Water	353.2_ASP	
LCS 752-14110/13	Lab Control Sample	Total/NA	Water	353.2_ASP	
LCSD 752-14110/40	Lab Control Sample Dup	Total/NA	Water	353.2_ASP	

Analysis Batch: 730649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	SM 4500 SO4 E	
752-38988-2	SW-2	Total/NA	Water	SM 4500 SO4 E	
752-38988-3	SW-3	Total/NA	Water	SM 4500 SO4 E	
752-38988-4	SW-4	Total/NA	Water	SM 4500 SO4 E	
752-38988-5	SW-Dup	Total/NA	Water	SM 4500 SO4 E	
MB 400-730649/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730649/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730649/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-38988-1 MS	SW-1	Total/NA	Water	SM 4500 SO4 E	
752-38988-1 MSD	SW-1	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	353.2-1993 R2.0	
752-38988-2	SW-2	Total/NA	Water	353.2-1993 R2.0	
752-38988-3	SW-3	Total/NA	Water	353.2-1993 R2.0	
752-38988-4	SW-4	Total/NA	Water	353.2-1993 R2.0	
752-38988-5	SW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-887107/28	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887107/29	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	EPA 350.1	
MB 680-887112/13	Method Blank	Total/NA	Water	EPA 350.1	
LCS 680-887112/14	Lab Control Sample	Total/NA	Water	EPA 350.1	

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

General Chemistry

Analysis Batch: 887141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-2	SW-2	Total/NA	Water	EPA 350.1	
752-38988-3	SW-3	Total/NA	Water	EPA 350.1	
752-38988-4	SW-4	Total/NA	Water	EPA 350.1	
752-38988-5	SW-Dup	Total/NA	Water	EPA 350.1	
MB 680-887141/13	Method Blank	Total/NA	Water	EPA 350.1	
LCS 680-887141/14	Lab Control Sample	Total/NA	Water	EPA 350.1	
752-38988-2 MS	SW-2	Total/NA	Water	EPA 350.1	
752-38988-2 MSD	SW-2	Total/NA	Water	EPA 350.1	

Analysis Batch: 887202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38988-1	SW-1	Total/NA	Water	Nitrate by calc	
752-38988-2	SW-2	Total/NA	Water	Nitrate by calc	
752-38988-3	SW-3	Total/NA	Water	Nitrate by calc	
752-38988-4	SW-4	Total/NA	Water	Nitrate by calc	
752-38988-5	SW-Dup	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38988-1
Project/Site: Lyon Park

Client Sample ID: SW-1
Lab Sample ID: 752-38988-1
Date Collected: 11/06/25 09:50
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730574	BPO	EET PEN	11/14/25 20:49
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 19:34
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730615	VC1	EET PEN	11/14/25 10:05
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 15:18
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:47
Total/NA	Analysis	353.2_ASP		1	14110	CB	EET RAL	11/07/25 17:18
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:43
Total/NA	Analysis	EPA 350.1		1	887112	DJ	EET SAV	11/10/25 12:42
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/14/25 15:05
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:43

Client Sample ID: SW-2
Lab Sample ID: 752-38988-2
Date Collected: 11/06/25 09:25
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730574	BPO	EET PEN	11/14/25 21:15
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 20:04
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730615	VC1	EET PEN	11/14/25 10:27
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 15:23
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:48
Total/NA	Analysis	353.2_ASP		1	14110	CB	EET RAL	11/07/25 17:19
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:55
Total/NA	Analysis	EPA 350.1		1	887141	DJ	EET SAV	11/11/25 14:39
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/14/25 09:30
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:44

Client Sample ID: SW-3
Lab Sample ID: 752-38988-3
Date Collected: 11/06/25 09:10
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730574	BPO	EET PEN	11/14/25 21:40
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 20:34

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38988-1
Project/Site: Lyon Park

Client Sample ID: SW-3
Lab Sample ID: 752-38988-3
Date Collected: 11/06/25 09:10
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730615	VC1	EET PEN	11/14/25 10:48
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 15:26
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:49
Total/NA	Analysis	353.2_ASP		1	14110	CB	EET RAL	11/07/25 17:20
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:54
Total/NA	Analysis	EPA 350.1		1	887141	DJ	EET SAV	11/11/25 13:03
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/14/25 09:30
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:45

Client Sample ID: SW-4
Lab Sample ID: 752-38988-4
Date Collected: 11/06/25 08:05
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730574	BPO	EET PEN	11/14/25 22:05
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 21:04
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730615	VC1	EET PEN	11/14/25 11:09
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 17:09
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:51
Total/NA	Analysis	353.2_ASP		1	14110	CB	EET RAL	11/07/25 17:20
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:52
Total/NA	Analysis	EPA 350.1		1	887141	DJ	EET SAV	11/11/25 13:11
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/14/25 09:30
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:45

Client Sample ID: SW-Dup
Lab Sample ID: 752-38988-5
Date Collected: 11/06/25 00:00
Matrix: Water
Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730960	BPO	EET PEN	11/18/25 16:14
Total/NA	Prep	3511			729865	JPH	EET PEN	11/09/25 12:08
Total/NA	Analysis	8270E		1	730057	JAW	EET PEN	11/11/25 21:34
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730615	VC1	EET PEN	11/14/25 11:30
Total Recoverable	Prep	3005A			186750	JR	EET ORL	11/10/25 15:47
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 17:12

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Client Sample ID: SW-Dup

Lab Sample ID: 752-38988-5

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			186950	CM	EET ORL	11/11/25 12:26
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 10:52
Total/NA	Analysis	353.2_ASP		1	14110	CB	EET RAL	11/07/25 17:21
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:50
Total/NA	Analysis	EPA 350.1		1	887141	DJ	EET SAV	11/11/25 13:13
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/14/25 15:01
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:46

Client Sample ID: Trip Blank

Lab Sample ID: 752-38988-6

Date Collected: 11/06/25 00:00

Matrix: Water

Date Received: 11/06/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730574	BPO	EET PEN	11/14/25 16:37

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38988-1
Project/Site: Lyon Park

Laboratory: Eurofins Raleigh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Orlando

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ORL
7470A	Mercury (CVAA)	SW846	EET ORL
353.2_ASP	Nitrite	MCAWW	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
EPA 350.1	Nitrogen, Ammonia	EPA	EET SAV
Nitrate by calc	Nitrogen, Nitrate (EPA 353.2 minus SM 4500-NO2 B)	EPA	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ORL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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 ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38988-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38988-1	SW-1	Water	11/06/25 09:50	11/06/25 16:45	North Carolina
752-38988-2	SW-2	Water	11/06/25 09:25	11/06/25 16:45	North Carolina
752-38988-3	SW-3	Water	11/06/25 09:10	11/06/25 16:45	North Carolina
752-38988-4	SW-4	Water	11/06/25 08:05	11/06/25 16:45	North Carolina
752-38988-5	SW-Dup	Water	11/06/25 00:00	11/06/25 16:45	North Carolina
752-38988-6	Trip Blank	Water	11/06/25 00:00	11/06/25 16:45	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: (984) 303-9791	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-38988 COC

Other:

NCDEQ EQuIS EDDs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers
			Preservation Code:				N	N	S	A	D	N	N	
SW-1	11/6/25	0950	G	W			X	X	X	X	X	X	X	
SW-2		0925					X	X	X	X	X	X	X	
SW-3		0910					X	X	X	X	X	X	X	
SW-4		0805					X	X	X	X	X	X	X	
SW-DUP		—					X	X	X	X	X	X	X	
TRIP BLANK														

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]	11/6/25 1645	S&ME	[signature]	11/6/25 1645	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.1/3.9°C 4.0/3.8°C AR

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7190.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38988-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/18/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
SW-1 (752-38988-1)	11/6/25	09 50 Eastern	G	Water			X	X	X	X	5	
SW-2 (752-38988-2)	11/6/25	09 25 Eastern	G	Water			X	X	X	X	5	
SW-3 (752-38988-3)	11/6/25	09 10 Eastern	G	Water			X	X	X	X	5	
SW-4 (752-38988-4)	11/6/25	08 05 Eastern	G	Water			X	X	X	X	5	
SW-Dup (752-38988-5)	11/6/25	Eastern	G	Water			X	X	X	X	5	
Trip Blank (752-38988-6)	11/6/25	Eastern	G	Water			X				2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	BR	11/7/25 1640			11/08/25/909	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.4°C / IR11

Ver: 10/10/2024

11/20/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7191.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38988-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/18/2025			
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SW-1 (752-38988-1)	11/6/25	09:50 Eastern	G	Water			X	X	X	1	
SW-2 (752-38988-2)	11/6/25	09:25 Eastern	G	Water			X	X	X	1	
SW-3 (752-38988-3)	11/6/25	09:10 Eastern	G	Water			X	X	X	1	
SW-4 (752-38988-4)	11/6/25	08:05 Eastern	G	Water			X	X	X	1	
SW-Dup (752-38988-5)	11/6/25	Eastern	G	Water			X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	RG	11/7/25 16:50		[signature]	11/8/25 1050	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.8/1.9

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38988-1

Login Number: 38988

List Source: Eurofins Raleigh

List Number: 1

Creator: Ortiz, Daniel

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.	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.	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: S&ME Inc

Job Number: 752-38988-1

Login Number: 38988
List Number: 3
Creator: Santiago, Edwin

List Source: Eurofins Orlando
List Creation: 11/08/25 11:26 AM

Question	Answer	Comment
The cooler or samples do not appear to have been compromised or tampered with	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature 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.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, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38988-1

Login Number: 38988
List Number: 4
Creator: Wilson, Derek A

List Source: Eurofins Pensacola
List Creation: 11/08/25 11:57 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.	True	
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	2.7°C IR11 1.8°C IR11 0.4°C IR11 3.3°C IR11 4.9°C IR11
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.	False	Missing #1 plastic and #5 plastic water containers
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38988-1

Login Number: 38988
List Number: 2
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 11/08/25 11:23 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.	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 12/15/2025 3:46:29 PM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-39890-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



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12/15/2025 3:46:29 PM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

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Definitions/Glossary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
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
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.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
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
752-39890-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/4/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.1°C, 1.5°C and 1.8°C.

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

GC/MS Semi VOA
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.

General Chemistry
Method SM4500_SO4_E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: A-MW-1 (752-39890-1), A-MW-3 (752-39890-3), A-MW-7 (752-39890-6), A-MW-8 (752-39890-7), A-MW-9 (752-39890-8), MW-4 (752-39890-10) and 120325-Dup-1 (752-39890-14). 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.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-1 — Lab Sample ID: 752-39890-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	153		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.28	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	0.800	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	320		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	10.4		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.37	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0600	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0600	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	70.4		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: A-MW-2 — Lab Sample ID: 752-39890-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.316	J	1.00	0.220	ug/L	1		8260D	Total/NA
Arsenic	4.88	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	442		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.10	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	1310		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.07	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia	0.454		0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0250	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0250	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	28.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: A-MW-3 — Lab Sample ID: 752-39890-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.22	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	81.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	4.03	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	2.47		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	4150		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.84	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.66	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia	0.122	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Sulfate	79.8		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-4 — Lab Sample ID: 752-39890-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.68	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	36.8		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.42	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	3.58	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.695	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.43	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Sulfate	9.48		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: A-MW-6 — Lab Sample ID: 752-39890-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.324	J	1.00	0.220	ug/L	1		8260D	Total/NA
Barium	242		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.727	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	11.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	16.6		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.03	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0780	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0780	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	32.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: A-MW-7 — Lab Sample ID: 752-39890-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	27.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.848	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	0.952	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	130		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.07	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.30	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.111		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.111		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	482		100	28.0	mg/L	20		SM 4500 SO4 E	Total/NA

Client Sample ID: A-MW-8 — Lab Sample ID: 752-39890-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	43.6		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: A-MW-8 (Continued) — Lab Sample ID: 752-39890-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	1.33	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.58	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	32.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.872	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	4.40	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Mercury	0.369		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	3.82		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	3.82		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	482		100	28.0	mg/L	20		SM 4500 SO4 E	Total/NA

Client Sample ID: A-MW-9 — Lab Sample ID: 752-39890-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	87.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.774	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	2270		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.52	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Sulfate	59.6		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 752-39890-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	7.45	J	10.1	2.43	ug/L	1		8270E	Total/NA
Barium	316		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	21.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	9.85		5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia	0.118	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	2.95		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	2.95		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	35.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 752-39890-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	198		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.825	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	120		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.00	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.22	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.917		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-4 (Continued) — Lab Sample ID: 752-39890-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.917		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	60.6		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 752-39890-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	146		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.612	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.19	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	118		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.49	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.42	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Sulfate	15.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 752-39890-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	168		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.60	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	36.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.03	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.18	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	1710		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	0.121	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.106		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.106		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	28.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-39890-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	7.16	J	9.93	2.38	ug/L	1		8270E	Total/NA
Arsenic	1.57	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	140		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.380	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	1.12	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	6.99		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.29		1.00	0.864	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-7 (Continued) — Lab Sample ID: 752-39890-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	148		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.07	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	8.29		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.66		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	1.66		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	20.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 120325-Dup-1 — Lab Sample ID: 752-39890-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.264	J	1.00	0.220	ug/L	1		8260D	Total/NA
Barium	324		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.668	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	20.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	20.6		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.78	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.335		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.335		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	57.0		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-39890-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-1

Date Collected: 12/03/25 11:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 12:07	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 12:07	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 12:07	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 12:07	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 12:07	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 12:07	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 12:07	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 12:07	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 12:07	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 12:07	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 12:07	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 12:07	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 12:07	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 12:07	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 12:07	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 12:07	1
cis-1,2-Dichloroethene	ND	F1	1.00	0.760	ug/L			12/09/25 12:07	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 12:07	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 12:07	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 12:07	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 12:07	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 12:07	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 12:07	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 12:07	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 12:07	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 12:07	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 12:07	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 12:07	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 12:07	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 12:07	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 12:07	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 12:07	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 12:07	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 12:07	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 12:07	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 12:07	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 12:07	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 12:07	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 12:07	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 12:07	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 12:07	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 12:07	1

Client Sample ID: A-MW-1

Date Collected: 12/03/25 11:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 12:07	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 12:07	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 12:07	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 12:07	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 12:07	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 12:07	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 12:07	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 12:07	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 12:07	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 12:07	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 12:07	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 12:07	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 12:07	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 12:07	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 12:07	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 12:07	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 12:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 12:07	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 12:07	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 12:07	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 12:07	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 12:07	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/09/25 12:07*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 12:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*12/09/25 12:07*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/09/25 12:07*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		12/08/25 11:11	12/08/25 17:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*17*		*10 - 140*	*12/08/25 11:11*	*12/08/25 17:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.80	0.412	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		12/06/25 15:15	12/09/25 04:19	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		12/06/25 15:15	12/09/25 04:19	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		12/06/25 15:15	12/09/25 04:19	1
2-Chlorophenol	ND		9.80	0.824	ug/L		12/06/25 15:15	12/09/25 04:19	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		12/06/25 15:15	12/09/25 04:19	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-1
Date Collected: 12/03/25 11:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.80	0.745	ug/L		12/06/25 15:15	12/09/25 04:19	1
2-Nitroaniline	ND		9.80	1.34	ug/L		12/06/25 15:15	12/09/25 04:19	1
2-Nitrophenol	ND		9.80	1.15	ug/L		12/06/25 15:15	12/09/25 04:19	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		12/06/25 15:15	12/09/25 04:19	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		12/06/25 15:15	12/09/25 04:19	1
3-Nitroaniline	ND		9.80	0.931	ug/L		12/06/25 15:15	12/09/25 04:19	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		12/06/25 15:15	12/09/25 04:19	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		12/06/25 15:15	12/09/25 04:19	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		12/06/25 15:15	12/09/25 04:19	1
4-Chloroaniline	ND		9.80	0.569	ug/L		12/06/25 15:15	12/09/25 04:19	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		12/06/25 15:15	12/09/25 04:19	1
4-Nitroaniline	ND		9.80	3.43	ug/L		12/06/25 15:15	12/09/25 04:19	1
4-Nitrophenol	ND		9.80	2.69	ug/L		12/06/25 15:15	12/09/25 04:19	1
Acenaphthene	ND		9.80	0.618	ug/L		12/06/25 15:15	12/09/25 04:19	1
Acenaphthylene	ND		9.80	0.745	ug/L		12/06/25 15:15	12/09/25 04:19	1
Acetophenone	ND		9.80	3.14	ug/L		12/06/25 15:15	12/09/25 04:19	1
Anthracene	ND		9.80	0.892	ug/L		12/06/25 15:15	12/09/25 04:19	1
Atrazine	ND		9.80	1.11	ug/L		12/06/25 15:15	12/09/25 04:19	1
Benzaldehyde	ND		9.80	0.657	ug/L		12/06/25 15:15	12/09/25 04:19	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		12/06/25 15:15	12/09/25 04:19	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		12/06/25 15:15	12/09/25 04:19	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		12/06/25 15:15	12/09/25 04:19	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		12/06/25 15:15	12/09/25 04:19	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		12/06/25 15:15	12/09/25 04:19	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		12/06/25 15:15	12/09/25 04:19	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		12/06/25 15:15	12/09/25 04:19	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		12/06/25 15:15	12/09/25 04:19	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 04:19	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 04:19	1
Caprolactam	ND		9.80	2.35	ug/L		12/06/25 15:15	12/09/25 04:19	1
Carbazole	ND		9.80	0.314	ug/L		12/06/25 15:15	12/09/25 04:19	1
Chrysene	ND		9.80	1.18	ug/L		12/06/25 15:15	12/09/25 04:19	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		12/06/25 15:15	12/09/25 04:19	1
Dibenzofuran	ND		9.80	0.627	ug/L		12/06/25 15:15	12/09/25 04:19	1
Diethyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 04:19	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 04:19	1
Di-n-butyl phthalate	ND		9.80	8.03	ug/L		12/06/25 15:15	12/09/25 04:19	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 04:19	1
Fluoranthene	ND		9.80	0.618	ug/L		12/06/25 15:15	12/09/25 04:19	1
Fluorene	ND		9.80	0.657	ug/L		12/06/25 15:15	12/09/25 04:19	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		12/06/25 15:15	12/09/25 04:19	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		12/06/25 15:15	12/09/25 04:19	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		12/06/25 15:15	12/09/25 04:19	1
Hexachloroethane	ND		9.80	0.520	ug/L		12/06/25 15:15	12/09/25 04:19	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		12/06/25 15:15	12/09/25 04:19	1
Isophorone	ND		9.80	0.784	ug/L		12/06/25 15:15	12/09/25 04:19	1
Naphthalene	ND		9.80	0.735	ug/L		12/06/25 15:15	12/09/25 04:19	1
Nitrobenzene	ND		9.80	0.588	ug/L		12/06/25 15:15	12/09/25 04:19	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		12/06/25 15:15	12/09/25 04:19	1

Client Sample ID: A-MW-1
Date Collected: 12/03/25 11:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		12/06/25 15:15	12/09/25 04:19	1
Pentachlorophenol	ND		9.80	2.75	ug/L		12/06/25 15:15	12/09/25 04:19	1
Phenanthrene	ND		9.80	0.725	ug/L		12/06/25 15:15	12/09/25 04:19	1
Phenol	ND		9.80	0.667	ug/L		12/06/25 15:15	12/09/25 04:19	1
Pyrene	ND		9.80	0.618	ug/L		12/06/25 15:15	12/09/25 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*12/06/25 15:15*	*12/09/25 04:19*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*12/06/25 15:15*	*12/09/25 04:19*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 150*	*12/06/25 15:15*	*12/09/25 04:19*	*1*
Nitrobenzene-d5 (Surr)	*87*		*22 - 150*	*12/06/25 15:15*	*12/09/25 04:19*	*1*
Phenol-d5 (Surr)	*62*		*10 - 150*	*12/06/25 15:15*	*12/09/25 04:19*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*12/06/25 15:15*	*12/09/25 04:19*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 12:41	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 12:41	1
Barium	**153**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 12:41	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 12:41	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 12:41	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 12:41	1
Cobalt	**1.28**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 12:41	1
Copper	**0.800**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 12:41	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 12:41	1
Manganese	**320**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 12:41	1
Nickel	**10.4**		5.00	0.422	ug/L		12/08/25 10:35	12/09/25 12:41	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 12:41	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 12:41	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 12:41	1
Vanadium	**2.37**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 12:41	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 12:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:00	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:26	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0600**	**J**	0.100	0.0100	mg/L			12/10/25 13:47	1
Nitrate as N (SM Nitrate by calc)	**0.0600**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**70.4**		10.0	2.80	mg/L			12/06/25 13:14	2

Client Sample ID: A-MW-2
Date Collected: 12/03/25 12:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 12:28	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 12:28	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 12:28	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 12:28	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 12:28	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 12:28	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 12:28	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 12:28	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 12:28	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 12:28	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 12:28	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 12:28	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 12:28	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 12:28	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 12:28	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 12:28	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 12:28	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 12:28	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 12:28	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 12:28	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 12:28	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 12:28	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 12:28	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 12:28	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 12:28	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 12:28	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 12:28	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 12:28	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 12:28	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 12:28	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 12:28	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 12:28	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 12:28	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 12:28	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 12:28	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 12:28	1
Methyl tert-butyl ether	**0.316**	**J**	1.00	0.220	ug/L			12/09/25 12:28	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 12:28	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 12:28	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 12:28	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 12:28	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 12:28	1

Client Sample ID: A-MW-2

Date Collected: 12/03/25 12:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 12:28	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 12:28	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 12:28	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 12:28	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 12:28	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 12:28	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 12:28	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 12:28	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 12:28	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 12:28	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 12:28	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 12:28	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 12:28	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 12:28	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 12:28	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 12:28	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 12:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 12:28	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 12:28	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 12:28	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 12:28	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 12:28	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 12:28*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*12/09/25 12:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*12/09/25 12:28*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/09/25 12:28*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		12/08/25 11:11	12/08/25 17:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*12/08/25 11:11*	*12/08/25 17:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.74	0.409	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,4,5-Trichlorophenol	ND		9.74	0.526	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,4,6-Trichlorophenol	ND		9.74	1.06	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,4-Dichlorophenol	ND		9.74	0.555	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,4-Dimethylphenol	ND		9.74	0.234	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,4-Dinitrophenol	ND		29.2	4.56	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,4-Dinitrotoluene	ND		9.74	0.633	ug/L		12/06/25 15:15	12/09/25 04:52	1
2,6-Dinitrotoluene	ND		9.74	0.282	ug/L		12/06/25 15:15	12/09/25 04:52	1
2-Chloronaphthalene	ND		9.74	0.370	ug/L		12/06/25 15:15	12/09/25 04:52	1
2-Chlorophenol	ND		9.74	0.818	ug/L		12/06/25 15:15	12/09/25 04:52	1
2-Methylnaphthalene	ND		9.74	0.789	ug/L		12/06/25 15:15	12/09/25 04:52	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-2
Date Collected: 12/03/25 12:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.74	0.740	ug/L		12/06/25 15:15	12/09/25 04:52	1
2-Nitroaniline	ND		9.74	1.33	ug/L		12/06/25 15:15	12/09/25 04:52	1
2-Nitrophenol	ND		9.74	1.14	ug/L		12/06/25 15:15	12/09/25 04:52	1
3 & 4 Methylphenol	ND		19.5	4.48	ug/L		12/06/25 15:15	12/09/25 04:52	1
3,3'-Dichlorobenzidine	ND		10.7	0.399	ug/L		12/06/25 15:15	12/09/25 04:52	1
3-Nitroaniline	ND		9.74	0.925	ug/L		12/06/25 15:15	12/09/25 04:52	1
4,6-Dinitro-2-methylphenol	ND		9.74	1.92	ug/L		12/06/25 15:15	12/09/25 04:52	1
4-Bromophenyl phenyl ether	ND		9.74	0.127	ug/L		12/06/25 15:15	12/09/25 04:52	1
4-Chloro-3-methylphenol	ND		9.74	0.711	ug/L		12/06/25 15:15	12/09/25 04:52	1
4-Chloroaniline	ND		9.74	0.565	ug/L		12/06/25 15:15	12/09/25 04:52	1
4-Chlorophenyl phenyl ether	ND		9.74	0.234	ug/L		12/06/25 15:15	12/09/25 04:52	1
4-Nitroaniline	ND		9.74	3.41	ug/L		12/06/25 15:15	12/09/25 04:52	1
4-Nitrophenol	ND		9.74	2.67	ug/L		12/06/25 15:15	12/09/25 04:52	1
Acenaphthene	ND		9.74	0.614	ug/L		12/06/25 15:15	12/09/25 04:52	1
Acenaphthylene	ND		9.74	0.740	ug/L		12/06/25 15:15	12/09/25 04:52	1
Acetophenone	ND		9.74	3.12	ug/L		12/06/25 15:15	12/09/25 04:52	1
Anthracene	ND		9.74	0.886	ug/L		12/06/25 15:15	12/09/25 04:52	1
Atrazine	ND		9.74	1.10	ug/L		12/06/25 15:15	12/09/25 04:52	1
Benzaldehyde	ND		9.74	0.653	ug/L		12/06/25 15:15	12/09/25 04:52	1
Benzo[a]anthracene	ND		9.74	0.974	ug/L		12/06/25 15:15	12/09/25 04:52	1
Benzo[a]pyrene	ND		9.74	1.07	ug/L		12/06/25 15:15	12/09/25 04:52	1
Benzo[b]fluoranthene	ND		9.74	1.17	ug/L		12/06/25 15:15	12/09/25 04:52	1
Benzo[g,h,i]perylene	ND		9.74	1.46	ug/L		12/06/25 15:15	12/09/25 04:52	1
Benzo[k]fluoranthene	ND		9.74	1.46	ug/L		12/06/25 15:15	12/09/25 04:52	1
bis (2-chloroisopropyl) ether	ND		9.74	0.906	ug/L		12/06/25 15:15	12/09/25 04:52	1
Bis(2-chloroethoxy)methane	ND		9.74	0.331	ug/L		12/06/25 15:15	12/09/25 04:52	1
Bis(2-chloroethyl)ether	ND		9.74	0.711	ug/L		12/06/25 15:15	12/09/25 04:52	1
Bis(2-ethylhexyl) phthalate	ND		9.74	3.90	ug/L		12/06/25 15:15	12/09/25 04:52	1
Butyl benzyl phthalate	ND		9.74	3.90	ug/L		12/06/25 15:15	12/09/25 04:52	1
Caprolactam	ND		9.74	2.34	ug/L		12/06/25 15:15	12/09/25 04:52	1
Carbazole	ND		9.74	0.312	ug/L		12/06/25 15:15	12/09/25 04:52	1
Chrysene	ND		9.74	1.17	ug/L		12/06/25 15:15	12/09/25 04:52	1
Dibenz(a,h)anthracene	ND		9.74	1.27	ug/L		12/06/25 15:15	12/09/25 04:52	1
Dibenzofuran	ND		9.74	0.623	ug/L		12/06/25 15:15	12/09/25 04:52	1
Diethyl phthalate	ND		9.74	3.90	ug/L		12/06/25 15:15	12/09/25 04:52	1
Dimethyl phthalate	ND		9.74	3.90	ug/L		12/06/25 15:15	12/09/25 04:52	1
Di-n-butyl phthalate	ND		9.74	7.98	ug/L		12/06/25 15:15	12/09/25 04:52	1
Di-n-octyl phthalate	ND		9.74	3.90	ug/L		12/06/25 15:15	12/09/25 04:52	1
Fluoranthene	ND		9.74	0.614	ug/L		12/06/25 15:15	12/09/25 04:52	1
Fluorene	ND		9.74	0.653	ug/L		12/06/25 15:15	12/09/25 04:52	1
Hexachlorobenzene	ND		9.74	0.244	ug/L		12/06/25 15:15	12/09/25 04:52	1
Hexachlorobutadiene	ND		9.74	0.536	ug/L		12/06/25 15:15	12/09/25 04:52	1
Hexachlorocyclopentadiene	ND		19.5	0.312	ug/L		12/06/25 15:15	12/09/25 04:52	1
Hexachloroethane	ND		9.74	0.516	ug/L		12/06/25 15:15	12/09/25 04:52	1
Indeno[1,2,3-cd]pyrene	ND		9.74	1.07	ug/L		12/06/25 15:15	12/09/25 04:52	1
Isophorone	ND		9.74	0.779	ug/L		12/06/25 15:15	12/09/25 04:52	1
Naphthalene	ND		9.74	0.731	ug/L		12/06/25 15:15	12/09/25 04:52	1
Nitrobenzene	ND		9.74	0.584	ug/L		12/06/25 15:15	12/09/25 04:52	1
N-Nitrosodi-n-propylamine	ND		9.74	0.321	ug/L		12/06/25 15:15	12/09/25 04:52	1

Client Sample ID: A-MW-2
Date Collected: 12/03/25 12:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.74	0.185	ug/L		12/06/25 15:15	12/09/25 04:52	1
Pentachlorophenol	ND		9.74	2.73	ug/L		12/06/25 15:15	12/09/25 04:52	1
Phenanthrene	ND		9.74	0.721	ug/L		12/06/25 15:15	12/09/25 04:52	1
Phenol	ND		9.74	0.662	ug/L		12/06/25 15:15	12/09/25 04:52	1
Pyrene	ND		9.74	0.614	ug/L		12/06/25 15:15	12/09/25 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 150*	*12/06/25 15:15*	*12/09/25 04:52*	*1*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*	*12/06/25 15:15*	*12/09/25 04:52*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*12/06/25 15:15*	*12/09/25 04:52*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*12/06/25 15:15*	*12/09/25 04:52*	*1*
Phenol-d5 (Surr)	*67*		*10 - 150*	*12/06/25 15:15*	*12/09/25 04:52*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*12/06/25 15:15*	*12/09/25 04:52*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 12:15	1
Arsenic	**4.88**	**J**	5.00	1.32	ug/L		12/08/25 10:35	12/09/25 12:15	1
Barium	**442**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 12:15	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 12:15	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 12:15	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 12:15	1
Cobalt	**1.10**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 12:15	1
Copper	ND		2.00	0.642	ug/L		12/08/25 10:35	12/09/25 12:15	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 12:15	1
Manganese	**1310**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 12:15	1
Nickel	**2.07**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 12:15	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 12:15	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 12:15	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 12:15	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 10:35	12/09/25 12:15	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 12:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 13:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.454**		0.250	0.100	mg/L			12/09/25 13:08	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:27	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0250**	**J**	0.100	0.0100	mg/L			12/10/25 13:48	1
Nitrate as N (SM Nitrate by calc)	**0.0250**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**28.0**		5.00	1.40	mg/L			12/06/25 13:16	1

Client Sample ID: A-MW-3

Date Collected: 12/03/25 09:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 12:49	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 12:49	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 12:49	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 12:49	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 12:49	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 12:49	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 12:49	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 12:49	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 12:49	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 12:49	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 12:49	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 12:49	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 12:49	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 12:49	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 12:49	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 12:49	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 12:49	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 12:49	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 12:49	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 12:49	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 12:49	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 12:49	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 12:49	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 12:49	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 12:49	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 12:49	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 12:49	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 12:49	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 12:49	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 12:49	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 12:49	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 12:49	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 12:49	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 12:49	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 12:49	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 12:49	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 12:49	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 12:49	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 12:49	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 12:49	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 12:49	1

Client Sample ID: A-MW-3

Date Collected: 12/03/25 09:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 12:49	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 12:49	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 12:49	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 12:49	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 12:49	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 12:49	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 12:49	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 12:49	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 12:49	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 12:49	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 12:49	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 12:49	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 12:49	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 12:49	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 12:49	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 12:49	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 12:49	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 12:49	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 12:49	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 12:49	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*12/09/25 12:49*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 12:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*12/09/25 12:49*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*12/09/25 12:49*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		12/08/25 11:11	12/08/25 18:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*10 - 140*	*12/08/25 11:11*	*12/08/25 18:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		12/06/25 15:15	12/09/25 05:24	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		12/06/25 15:15	12/09/25 05:24	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		12/06/25 15:15	12/09/25 05:24	1
2-Chlorophenol	ND		9.93	0.834	ug/L		12/06/25 15:15	12/09/25 05:24	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		12/06/25 15:15	12/09/25 05:24	1

Client Sample ID: A-MW-3
Date Collected: 12/03/25 09:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.93	0.755	ug/L		12/06/25 15:15	12/09/25 05:24	1
2-Nitroaniline	ND		9.93	1.36	ug/L		12/06/25 15:15	12/09/25 05:24	1
2-Nitrophenol	ND		9.93	1.16	ug/L		12/06/25 15:15	12/09/25 05:24	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		12/06/25 15:15	12/09/25 05:24	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		12/06/25 15:15	12/09/25 05:24	1
3-Nitroaniline	ND		9.93	0.944	ug/L		12/06/25 15:15	12/09/25 05:24	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		12/06/25 15:15	12/09/25 05:24	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		12/06/25 15:15	12/09/25 05:24	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		12/06/25 15:15	12/09/25 05:24	1
4-Chloroaniline	ND		9.93	0.576	ug/L		12/06/25 15:15	12/09/25 05:24	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		12/06/25 15:15	12/09/25 05:24	1
4-Nitroaniline	ND		9.93	3.48	ug/L		12/06/25 15:15	12/09/25 05:24	1
4-Nitrophenol	ND		9.93	2.72	ug/L		12/06/25 15:15	12/09/25 05:24	1
Acenaphthene	ND		9.93	0.626	ug/L		12/06/25 15:15	12/09/25 05:24	1
Acenaphthylene	ND		9.93	0.755	ug/L		12/06/25 15:15	12/09/25 05:24	1
Acetophenone	ND		9.93	3.18	ug/L		12/06/25 15:15	12/09/25 05:24	1
Anthracene	ND		9.93	0.904	ug/L		12/06/25 15:15	12/09/25 05:24	1
Atrazine	ND		9.93	1.12	ug/L		12/06/25 15:15	12/09/25 05:24	1
Benzaldehyde	ND		9.93	0.666	ug/L		12/06/25 15:15	12/09/25 05:24	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		12/06/25 15:15	12/09/25 05:24	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		12/06/25 15:15	12/09/25 05:24	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		12/06/25 15:15	12/09/25 05:24	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		12/06/25 15:15	12/09/25 05:24	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		12/06/25 15:15	12/09/25 05:24	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		12/06/25 15:15	12/09/25 05:24	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		12/06/25 15:15	12/09/25 05:24	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		12/06/25 15:15	12/09/25 05:24	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 05:24	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 05:24	1
Caprolactam	ND		9.93	2.38	ug/L		12/06/25 15:15	12/09/25 05:24	1
Carbazole	ND		9.93	0.318	ug/L		12/06/25 15:15	12/09/25 05:24	1
Chrysene	ND		9.93	1.19	ug/L		12/06/25 15:15	12/09/25 05:24	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		12/06/25 15:15	12/09/25 05:24	1
Dibenzofuran	ND		9.93	0.636	ug/L		12/06/25 15:15	12/09/25 05:24	1
Diethyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 05:24	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 05:24	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		12/06/25 15:15	12/09/25 05:24	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 05:24	1
Fluoranthene	ND		9.93	0.626	ug/L		12/06/25 15:15	12/09/25 05:24	1
Fluorene	ND		9.93	0.666	ug/L		12/06/25 15:15	12/09/25 05:24	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		12/06/25 15:15	12/09/25 05:24	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		12/06/25 15:15	12/09/25 05:24	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		12/06/25 15:15	12/09/25 05:24	1
Hexachloroethane	ND		9.93	0.526	ug/L		12/06/25 15:15	12/09/25 05:24	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		12/06/25 15:15	12/09/25 05:24	1
Isophorone	ND		9.93	0.795	ug/L		12/06/25 15:15	12/09/25 05:24	1
Naphthalene	ND		9.93	0.745	ug/L		12/06/25 15:15	12/09/25 05:24	1
Nitrobenzene	ND		9.93	0.596	ug/L		12/06/25 15:15	12/09/25 05:24	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		12/06/25 15:15	12/09/25 05:24	1

Client Sample ID: A-MW-3
Date Collected: 12/03/25 09:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		12/06/25 15:15	12/09/25 05:24	1
Pentachlorophenol	ND		9.93	2.78	ug/L		12/06/25 15:15	12/09/25 05:24	1
Phenanthrene	ND		9.93	0.735	ug/L		12/06/25 15:15	12/09/25 05:24	1
Phenol	ND		9.93	0.675	ug/L		12/06/25 15:15	12/09/25 05:24	1
Pyrene	ND		9.93	0.626	ug/L		12/06/25 15:15	12/09/25 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*12/06/25 15:15*	*12/09/25 05:24*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*12/06/25 15:15*	*12/09/25 05:24*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*12/06/25 15:15*	*12/09/25 05:24*	*1*
Nitrobenzene-d5 (Surr)	*85*		*22 - 150*	*12/06/25 15:15*	*12/09/25 05:24*	*1*
Phenol-d5 (Surr)	*72*		*10 - 150*	*12/06/25 15:15*	*12/09/25 05:24*	*1*
Terphenyl-d14 (Surr)	*61*		*28 - 150*	*12/06/25 15:15*	*12/09/25 05:24*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 12:46	1
Arsenic	**2.22**	**J**	5.00	1.32	ug/L		12/08/25 10:35	12/09/25 12:46	1
Barium	**81.2**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 12:46	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 12:46	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 12:46	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 12:46	1
Cobalt	**4.03**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 12:46	1
Copper	**2.47**		2.00	0.642	ug/L		12/08/25 10:35	12/09/25 12:46	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 12:46	1
Manganese	**4150**		5.00	1.29	ug/L		12/08/25 10:35	12/10/25 14:26	1
Nickel	**1.84**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 12:46	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 12:46	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 12:46	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 12:46	1
Vanadium	**2.66**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 12:46	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 12:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.122**	**J**	0.250	0.100	mg/L			12/09/25 13:11	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:45	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/11/25 11:13	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**79.8**		25.0	7.00	mg/L			12/06/25 13:54	5

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-4

Date Collected: 12/03/25 10:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 14:53	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 14:53	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 14:53	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 14:53	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 14:53	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 14:53	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 14:53	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 14:53	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 14:53	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 14:53	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 14:53	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 14:53	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 14:53	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 14:53	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 14:53	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 14:53	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 14:53	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 14:53	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 14:53	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 14:53	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 14:53	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 14:53	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 14:53	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 14:53	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 14:53	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 14:53	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 14:53	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 14:53	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 14:53	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 14:53	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 14:53	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 14:53	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 14:53	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 14:53	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 14:53	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 14:53	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 14:53	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 14:53	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 14:53	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 14:53	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 14:53	1

Client Sample ID: A-MW-4

Date Collected: 12/03/25 10:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 14:53	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 14:53	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 14:53	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 14:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 14:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 14:53	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 14:53	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 14:53	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 14:53	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 14:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 14:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 14:53	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 14:53	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 14:53	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 14:53	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 14:53	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 14:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 14:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 14:53	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 14:53	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 14:53	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*12/09/25 14:53*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*12/09/25 14:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*12/09/25 14:53*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*12/09/25 14:53*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		12/08/25 11:11	12/08/25 18:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*12/08/25 11:11*	*12/08/25 18:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/06/25 15:15	12/09/25 05:57	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/06/25 15:15	12/09/25 05:57	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/06/25 15:15	12/09/25 05:57	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/06/25 15:15	12/09/25 05:57	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/06/25 15:15	12/09/25 05:57	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-4
Date Collected: 12/03/25 10:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		12/06/25 15:15	12/09/25 05:57	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/06/25 15:15	12/09/25 05:57	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/06/25 15:15	12/09/25 05:57	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/06/25 15:15	12/09/25 05:57	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/06/25 15:15	12/09/25 05:57	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/06/25 15:15	12/09/25 05:57	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/06/25 15:15	12/09/25 05:57	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/06/25 15:15	12/09/25 05:57	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/06/25 15:15	12/09/25 05:57	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/06/25 15:15	12/09/25 05:57	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/06/25 15:15	12/09/25 05:57	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/06/25 15:15	12/09/25 05:57	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/06/25 15:15	12/09/25 05:57	1
Acenaphthene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 05:57	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/06/25 15:15	12/09/25 05:57	1
Acetophenone	ND		10.0	3.20	ug/L		12/06/25 15:15	12/09/25 05:57	1
Anthracene	ND		10.0	0.910	ug/L		12/06/25 15:15	12/09/25 05:57	1
Atrazine	ND		10.0	1.13	ug/L		12/06/25 15:15	12/09/25 05:57	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/06/25 15:15	12/09/25 05:57	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/06/25 15:15	12/09/25 05:57	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 05:57	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 05:57	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/06/25 15:15	12/09/25 05:57	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/06/25 15:15	12/09/25 05:57	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/06/25 15:15	12/09/25 05:57	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/06/25 15:15	12/09/25 05:57	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/06/25 15:15	12/09/25 05:57	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 05:57	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 05:57	1
Caprolactam	ND		10.0	2.40	ug/L		12/06/25 15:15	12/09/25 05:57	1
Carbazole	ND		10.0	0.320	ug/L		12/06/25 15:15	12/09/25 05:57	1
Chrysene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 05:57	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/06/25 15:15	12/09/25 05:57	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/06/25 15:15	12/09/25 05:57	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 05:57	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 05:57	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/06/25 15:15	12/09/25 05:57	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 05:57	1
Fluoranthene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 05:57	1
Fluorene	ND		10.0	0.670	ug/L		12/06/25 15:15	12/09/25 05:57	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/06/25 15:15	12/09/25 05:57	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/06/25 15:15	12/09/25 05:57	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/06/25 15:15	12/09/25 05:57	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/06/25 15:15	12/09/25 05:57	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 05:57	1
Isophorone	ND		10.0	0.800	ug/L		12/06/25 15:15	12/09/25 05:57	1
Naphthalene	ND		10.0	0.750	ug/L		12/06/25 15:15	12/09/25 05:57	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/06/25 15:15	12/09/25 05:57	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/06/25 15:15	12/09/25 05:57	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-4

Date Collected: 12/03/25 10:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/06/25 15:15	12/09/25 05:57	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/06/25 15:15	12/09/25 05:57	1
Phenanthrene	ND		10.0	0.740	ug/L		12/06/25 15:15	12/09/25 05:57	1
Phenol	ND		10.0	0.680	ug/L		12/06/25 15:15	12/09/25 05:57	1
Pyrene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*12/06/25 15:15*	*12/09/25 05:57*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*12/06/25 15:15*	*12/09/25 05:57*	*1*
2-Fluorophenol (Surr)	*71*		*10 - 150*	*12/06/25 15:15*	*12/09/25 05:57*	*1*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*	*12/06/25 15:15*	*12/09/25 05:57*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*12/06/25 15:15*	*12/09/25 05:57*	*1*
Terphenyl-d14 (Surr)	*84*		*28 - 150*	*12/06/25 15:15*	*12/09/25 05:57*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:08	1
Arsenic	**2.68**	**J**	5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:08	1
Barium	**36.8**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:08	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:08	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:08	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:08	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:08	1
Copper	**1.42**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:08	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:08	1
Manganese	**3.58**	**J**	5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:08	1
Nickel	**0.695**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:08	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:08	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:08	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:08	1
Vanadium	**3.43**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:08	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:19	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:46	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/11/25 11:14	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**9.48**		5.00	1.40	mg/L			12/06/25 13:17	1

Client Sample ID: A-MW-6
Date Collected: 12/03/25 09:45
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 15:14	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 15:14	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 15:14	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 15:14	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 15:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 15:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 15:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 15:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 15:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 15:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 15:14	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 15:14	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 15:14	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 15:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 15:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 15:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 15:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 15:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 15:14	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 15:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 15:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 15:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 15:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 15:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 15:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 15:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 15:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 15:14	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 15:14	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 15:14	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 15:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 15:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 15:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 15:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 15:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 15:14	1
Methyl tert-butyl ether	**0.324**	**J**	1.00	0.220	ug/L			12/09/25 15:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 15:14	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 15:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 15:14	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 15:14	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 15:14	1

Client Sample ID: A-MW-6

Date Collected: 12/03/25 09:45
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 15:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 15:14	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 15:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 15:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 15:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 15:14	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 15:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 15:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 15:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 15:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 15:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 15:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 15:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 15:14	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 15:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 15:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 15:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 15:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 15:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 15:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 15:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 15:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 15:14*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*12/09/25 15:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*12/09/25 15:14*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 15:14*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		12/08/25 11:11	12/08/25 18:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*12/08/25 11:11*	*12/08/25 18:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		12/06/25 15:15	12/09/25 06:29	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		12/06/25 15:15	12/09/25 06:29	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		12/06/25 15:15	12/09/25 06:29	1
2-Chlorophenol	ND		9.90	0.832	ug/L		12/06/25 15:15	12/09/25 06:29	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		12/06/25 15:15	12/09/25 06:29	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-6
Date Collected: 12/03/25 09:45
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.90	0.752	ug/L		12/06/25 15:15	12/09/25 06:29	1
2-Nitroaniline	ND		9.90	1.36	ug/L		12/06/25 15:15	12/09/25 06:29	1
2-Nitrophenol	ND		9.90	1.16	ug/L		12/06/25 15:15	12/09/25 06:29	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		12/06/25 15:15	12/09/25 06:29	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		12/06/25 15:15	12/09/25 06:29	1
3-Nitroaniline	ND		9.90	0.941	ug/L		12/06/25 15:15	12/09/25 06:29	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		12/06/25 15:15	12/09/25 06:29	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		12/06/25 15:15	12/09/25 06:29	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		12/06/25 15:15	12/09/25 06:29	1
4-Chloroaniline	ND		9.90	0.574	ug/L		12/06/25 15:15	12/09/25 06:29	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		12/06/25 15:15	12/09/25 06:29	1
4-Nitroaniline	ND		9.90	3.47	ug/L		12/06/25 15:15	12/09/25 06:29	1
4-Nitrophenol	ND		9.90	2.71	ug/L		12/06/25 15:15	12/09/25 06:29	1
Acenaphthene	ND		9.90	0.624	ug/L		12/06/25 15:15	12/09/25 06:29	1
Acenaphthylene	ND		9.90	0.752	ug/L		12/06/25 15:15	12/09/25 06:29	1
Acetophenone	ND		9.90	3.17	ug/L		12/06/25 15:15	12/09/25 06:29	1
Anthracene	ND		9.90	0.901	ug/L		12/06/25 15:15	12/09/25 06:29	1
Atrazine	ND		9.90	1.12	ug/L		12/06/25 15:15	12/09/25 06:29	1
Benzaldehyde	ND		9.90	0.663	ug/L		12/06/25 15:15	12/09/25 06:29	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		12/06/25 15:15	12/09/25 06:29	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		12/06/25 15:15	12/09/25 06:29	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		12/06/25 15:15	12/09/25 06:29	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		12/06/25 15:15	12/09/25 06:29	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		12/06/25 15:15	12/09/25 06:29	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		12/06/25 15:15	12/09/25 06:29	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		12/06/25 15:15	12/09/25 06:29	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		12/06/25 15:15	12/09/25 06:29	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 06:29	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 06:29	1
Caprolactam	ND		9.90	2.38	ug/L		12/06/25 15:15	12/09/25 06:29	1
Carbazole	ND		9.90	0.317	ug/L		12/06/25 15:15	12/09/25 06:29	1
Chrysene	ND		9.90	1.19	ug/L		12/06/25 15:15	12/09/25 06:29	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		12/06/25 15:15	12/09/25 06:29	1
Dibenzofuran	ND		9.90	0.634	ug/L		12/06/25 15:15	12/09/25 06:29	1
Diethyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 06:29	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 06:29	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		12/06/25 15:15	12/09/25 06:29	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 06:29	1
Fluoranthene	ND		9.90	0.624	ug/L		12/06/25 15:15	12/09/25 06:29	1
Fluorene	ND		9.90	0.663	ug/L		12/06/25 15:15	12/09/25 06:29	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		12/06/25 15:15	12/09/25 06:29	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		12/06/25 15:15	12/09/25 06:29	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		12/06/25 15:15	12/09/25 06:29	1
Hexachloroethane	ND		9.90	0.525	ug/L		12/06/25 15:15	12/09/25 06:29	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		12/06/25 15:15	12/09/25 06:29	1
Isophorone	ND		9.90	0.792	ug/L		12/06/25 15:15	12/09/25 06:29	1
Naphthalene	ND		9.90	0.743	ug/L		12/06/25 15:15	12/09/25 06:29	1
Nitrobenzene	ND		9.90	0.594	ug/L		12/06/25 15:15	12/09/25 06:29	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		12/06/25 15:15	12/09/25 06:29	1

Client Sample ID: A-MW-6

Date Collected: 12/03/25 09:45
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		12/06/25 15:15	12/09/25 06:29	1
Pentachlorophenol	ND		9.90	2.77	ug/L		12/06/25 15:15	12/09/25 06:29	1
Phenanthrene	ND		9.90	0.733	ug/L		12/06/25 15:15	12/09/25 06:29	1
Phenol	ND		9.90	0.673	ug/L		12/06/25 15:15	12/09/25 06:29	1
Pyrene	ND		9.90	0.624	ug/L		12/06/25 15:15	12/09/25 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 150*	*12/06/25 15:15*	*12/09/25 06:29*	*1*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*	*12/06/25 15:15*	*12/09/25 06:29*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*12/06/25 15:15*	*12/09/25 06:29*	*1*
Nitrobenzene-d5 (Surr)	*82*		*22 - 150*	*12/06/25 15:15*	*12/09/25 06:29*	*1*
Phenol-d5 (Surr)	*70*		*10 - 150*	*12/06/25 15:15*	*12/09/25 06:29*	*1*
Terphenyl-d14 (Surr)	*60*		*28 - 150*	*12/06/25 15:15*	*12/09/25 06:29*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:14	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:14	1
Barium	**242**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:14	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:14	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:14	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:14	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:14	1
Copper	**0.727**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:14	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:14	1
Manganese	**11.2**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:14	1
Nickel	**16.6**		5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:14	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:14	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:14	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:14	1
Vanadium	**2.03**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:14	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:21	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:47	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0780**	**J**	0.100	0.0100	mg/L			12/11/25 11:16	1
Nitrate as N (SM Nitrate by calc)	**0.0780**	**J**	0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**32.0**		5.00	1.40	mg/L			12/06/25 13:18	1

Client Sample ID: A-MW-7

Date Collected: 12/03/25 15:35
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 15:35	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 15:35	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 15:35	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 15:35	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 15:35	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 15:35	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 15:35	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 15:35	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 15:35	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 15:35	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 15:35	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 15:35	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 15:35	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 15:35	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 15:35	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 15:35	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 15:35	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 15:35	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 15:35	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 15:35	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 15:35	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 15:35	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 15:35	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 15:35	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 15:35	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 15:35	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 15:35	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 15:35	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 15:35	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 15:35	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 15:35	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 15:35	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 15:35	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 15:35	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 15:35	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 15:35	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 15:35	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 15:35	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 15:35	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 15:35	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 15:35	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 15:35	1

Client Sample ID: A-MW-7

Date Collected: 12/03/25 15:35
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 15:35	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 15:35	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 15:35	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 15:35	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 15:35	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 15:35	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 15:35	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 15:35	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 15:35	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 15:35	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 15:35	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 15:35	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 15:35	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 15:35	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 15:35	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 15:35	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 15:35	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 15:35	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 15:35	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 15:35	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 15:35	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/09/25 15:35*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*12/09/25 15:35*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/09/25 15:35*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.282	0.282	ug/L		12/08/25 11:11	12/08/25 19:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/08/25 11:11*	*12/08/25 19:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/06/25 15:15	12/09/25 07:01	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/06/25 15:15	12/09/25 07:01	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/06/25 15:15	12/09/25 07:01	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/06/25 15:15	12/09/25 07:01	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/06/25 15:15	12/09/25 07:01	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-7
Date Collected: 12/03/25 15:35
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		12/06/25 15:15	12/09/25 07:01	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/06/25 15:15	12/09/25 07:01	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/06/25 15:15	12/09/25 07:01	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/06/25 15:15	12/09/25 07:01	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/06/25 15:15	12/09/25 07:01	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/06/25 15:15	12/09/25 07:01	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/06/25 15:15	12/09/25 07:01	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/06/25 15:15	12/09/25 07:01	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/06/25 15:15	12/09/25 07:01	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/06/25 15:15	12/09/25 07:01	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/06/25 15:15	12/09/25 07:01	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/06/25 15:15	12/09/25 07:01	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/06/25 15:15	12/09/25 07:01	1
Acenaphthene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 07:01	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/06/25 15:15	12/09/25 07:01	1
Acetophenone	ND		10.0	3.20	ug/L		12/06/25 15:15	12/09/25 07:01	1
Anthracene	ND		10.0	0.910	ug/L		12/06/25 15:15	12/09/25 07:01	1
Atrazine	ND		10.0	1.13	ug/L		12/06/25 15:15	12/09/25 07:01	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/06/25 15:15	12/09/25 07:01	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/06/25 15:15	12/09/25 07:01	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 07:01	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 07:01	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/06/25 15:15	12/09/25 07:01	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/06/25 15:15	12/09/25 07:01	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/06/25 15:15	12/09/25 07:01	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/06/25 15:15	12/09/25 07:01	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/06/25 15:15	12/09/25 07:01	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 07:01	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 07:01	1
Caprolactam	ND		10.0	2.40	ug/L		12/06/25 15:15	12/09/25 07:01	1
Carbazole	ND		10.0	0.320	ug/L		12/06/25 15:15	12/09/25 07:01	1
Chrysene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 07:01	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/06/25 15:15	12/09/25 07:01	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/06/25 15:15	12/09/25 07:01	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 07:01	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 07:01	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/06/25 15:15	12/09/25 07:01	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 07:01	1
Fluoranthene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 07:01	1
Fluorene	ND		10.0	0.670	ug/L		12/06/25 15:15	12/09/25 07:01	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/06/25 15:15	12/09/25 07:01	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/06/25 15:15	12/09/25 07:01	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/06/25 15:15	12/09/25 07:01	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/06/25 15:15	12/09/25 07:01	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 07:01	1
Isophorone	ND		10.0	0.800	ug/L		12/06/25 15:15	12/09/25 07:01	1
Naphthalene	ND		10.0	0.750	ug/L		12/06/25 15:15	12/09/25 07:01	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/06/25 15:15	12/09/25 07:01	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/06/25 15:15	12/09/25 07:01	1

Client Sample ID: A-MW-7
Date Collected: 12/03/25 15:35
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/06/25 15:15	12/09/25 07:01	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/06/25 15:15	12/09/25 07:01	1
Phenanthrene	ND		10.0	0.740	ug/L		12/06/25 15:15	12/09/25 07:01	1
Phenol	ND		10.0	0.680	ug/L		12/06/25 15:15	12/09/25 07:01	1
Pyrene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*12/06/25 15:15*	*12/09/25 07:01*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*12/06/25 15:15*	*12/09/25 07:01*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*12/06/25 15:15*	*12/09/25 07:01*	*1*
Nitrobenzene-d5 (Surr)	*82*		*22 - 150*	*12/06/25 15:15*	*12/09/25 07:01*	*1*
Phenol-d5 (Surr)	*65*		*10 - 150*	*12/06/25 15:15*	*12/09/25 07:01*	*1*
Terphenyl-d14 (Surr)	*56*		*28 - 150*	*12/06/25 15:15*	*12/09/25 07:01*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:20	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:20	1
Barium	**27.2**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:20	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:20	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:20	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:20	1
Cobalt	**0.848**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:20	1
Copper	**0.952**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:20	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:20	1
Manganese	**130**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:20	1
Nickel	**1.07**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:20	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:20	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:20	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:20	1
Vanadium	**1.30**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:20	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:24	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:48	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.111**		0.100	0.0100	mg/L			12/11/25 11:18	1
Nitrate as N (SM Nitrate by calc)	**0.111**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**482**		100	28.0	mg/L			12/06/25 14:21	20

Client Sample ID: A-MW-8

Date Collected: 12/03/25 14:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 15:55	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 15:55	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 15:55	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 15:55	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 15:55	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 15:55	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 15:55	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 15:55	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 15:55	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 15:55	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 15:55	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 15:55	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 15:55	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 15:55	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 15:55	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 15:55	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 15:55	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 15:55	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 15:55	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 15:55	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 15:55	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 15:55	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 15:55	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 15:55	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 15:55	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 15:55	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 15:55	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 15:55	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 15:55	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 15:55	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 15:55	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 15:55	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 15:55	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 15:55	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 15:55	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 15:55	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 15:55	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 15:55	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 15:55	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 15:55	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 15:55	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 15:55	1

Client Sample ID: A-MW-8

Date Collected: 12/03/25 14:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 15:55	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 15:55	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 15:55	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 15:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 15:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 15:55	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 15:55	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 15:55	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 15:55	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 15:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 15:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 15:55	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 15:55	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 15:55	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 15:55	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 15:55	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 15:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 15:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 15:55	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 15:55	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 15:55	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 15:55*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*12/09/25 15:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*12/09/25 15:55*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 15:55*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.307	0.307	ug/L		12/08/25 11:11	12/08/25 19:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/08/25 11:11*	*12/08/25 19:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.87	0.414	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,4,5-Trichlorophenol	ND		9.87	0.533	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,4,6-Trichlorophenol	ND		9.87	1.08	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,4-Dichlorophenol	ND		9.87	0.563	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,4-Dimethylphenol	ND		9.87	0.237	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,4-Dinitrophenol	ND		29.6	4.62	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,4-Dinitrotoluene	ND		9.87	0.641	ug/L		12/06/25 15:15	12/09/25 07:34	1
2,6-Dinitrotoluene	ND		9.87	0.286	ug/L		12/06/25 15:15	12/09/25 07:34	1
2-Chloronaphthalene	ND		9.87	0.375	ug/L		12/06/25 15:15	12/09/25 07:34	1
2-Chlorophenol	ND		9.87	0.829	ug/L		12/06/25 15:15	12/09/25 07:34	1
2-Methylnaphthalene	ND		9.87	0.799	ug/L		12/06/25 15:15	12/09/25 07:34	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-8
Date Collected: 12/03/25 14:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.87	0.750	ug/L		12/06/25 15:15	12/09/25 07:34	1
2-Nitroaniline	ND		9.87	1.35	ug/L		12/06/25 15:15	12/09/25 07:34	1
2-Nitrophenol	ND		9.87	1.15	ug/L		12/06/25 15:15	12/09/25 07:34	1
3 & 4 Methylphenol	ND		19.7	4.54	ug/L		12/06/25 15:15	12/09/25 07:34	1
3,3'-Dichlorobenzidine	ND		10.9	0.405	ug/L		12/06/25 15:15	12/09/25 07:34	1
3-Nitroaniline	ND		9.87	0.938	ug/L		12/06/25 15:15	12/09/25 07:34	1
4,6-Dinitro-2-methylphenol	ND		9.87	1.94	ug/L		12/06/25 15:15	12/09/25 07:34	1
4-Bromophenyl phenyl ether	ND		9.87	0.128	ug/L		12/06/25 15:15	12/09/25 07:34	1
4-Chloro-3-methylphenol	ND		9.87	0.720	ug/L		12/06/25 15:15	12/09/25 07:34	1
4-Chloroaniline	ND		9.87	0.572	ug/L		12/06/25 15:15	12/09/25 07:34	1
4-Chlorophenyl phenyl ether	ND		9.87	0.237	ug/L		12/06/25 15:15	12/09/25 07:34	1
4-Nitroaniline	ND		9.87	3.45	ug/L		12/06/25 15:15	12/09/25 07:34	1
4-Nitrophenol	ND		9.87	2.70	ug/L		12/06/25 15:15	12/09/25 07:34	1
Acenaphthene	ND		9.87	0.622	ug/L		12/06/25 15:15	12/09/25 07:34	1
Acenaphthylene	ND		9.87	0.750	ug/L		12/06/25 15:15	12/09/25 07:34	1
Acetophenone	ND		9.87	3.16	ug/L		12/06/25 15:15	12/09/25 07:34	1
Anthracene	ND		9.87	0.898	ug/L		12/06/25 15:15	12/09/25 07:34	1
Atrazine	ND		9.87	1.12	ug/L		12/06/25 15:15	12/09/25 07:34	1
Benzaldehyde	ND		9.87	0.661	ug/L		12/06/25 15:15	12/09/25 07:34	1
Benzo[a]anthracene	ND		9.87	0.987	ug/L		12/06/25 15:15	12/09/25 07:34	1
Benzo[a]pyrene	ND		9.87	1.09	ug/L		12/06/25 15:15	12/09/25 07:34	1
Benzo[b]fluoranthene	ND		9.87	1.18	ug/L		12/06/25 15:15	12/09/25 07:34	1
Benzo[g,h,i]perylene	ND		9.87	1.48	ug/L		12/06/25 15:15	12/09/25 07:34	1
Benzo[k]fluoranthene	ND		9.87	1.48	ug/L		12/06/25 15:15	12/09/25 07:34	1
bis (2-chloroisopropyl) ether	ND		9.87	0.918	ug/L		12/06/25 15:15	12/09/25 07:34	1
Bis(2-chloroethoxy)methane	ND		9.87	0.336	ug/L		12/06/25 15:15	12/09/25 07:34	1
Bis(2-chloroethyl)ether	ND		9.87	0.720	ug/L		12/06/25 15:15	12/09/25 07:34	1
Bis(2-ethylhexyl) phthalate	ND		9.87	3.95	ug/L		12/06/25 15:15	12/09/25 07:34	1
Butyl benzyl phthalate	ND		9.87	3.95	ug/L		12/06/25 15:15	12/09/25 07:34	1
Caprolactam	ND		9.87	2.37	ug/L		12/06/25 15:15	12/09/25 07:34	1
Carbazole	ND		9.87	0.316	ug/L		12/06/25 15:15	12/09/25 07:34	1
Chrysene	ND		9.87	1.18	ug/L		12/06/25 15:15	12/09/25 07:34	1
Dibenz(a,h)anthracene	ND		9.87	1.28	ug/L		12/06/25 15:15	12/09/25 07:34	1
Dibenzofuran	ND		9.87	0.632	ug/L		12/06/25 15:15	12/09/25 07:34	1
Diethyl phthalate	ND		9.87	3.95	ug/L		12/06/25 15:15	12/09/25 07:34	1
Dimethyl phthalate	ND		9.87	3.95	ug/L		12/06/25 15:15	12/09/25 07:34	1
Di-n-butyl phthalate	ND		9.87	8.08	ug/L		12/06/25 15:15	12/09/25 07:34	1
Di-n-octyl phthalate	ND		9.87	3.95	ug/L		12/06/25 15:15	12/09/25 07:34	1
Fluoranthene	ND		9.87	0.622	ug/L		12/06/25 15:15	12/09/25 07:34	1
Fluorene	ND		9.87	0.661	ug/L		12/06/25 15:15	12/09/25 07:34	1
Hexachlorobenzene	ND		9.87	0.247	ug/L		12/06/25 15:15	12/09/25 07:34	1
Hexachlorobutadiene	ND		9.87	0.543	ug/L		12/06/25 15:15	12/09/25 07:34	1
Hexachlorocyclopentadiene	ND		19.7	0.316	ug/L		12/06/25 15:15	12/09/25 07:34	1
Hexachloroethane	ND		9.87	0.523	ug/L		12/06/25 15:15	12/09/25 07:34	1
Indeno[1,2,3-cd]pyrene	ND		9.87	1.09	ug/L		12/06/25 15:15	12/09/25 07:34	1
Isophorone	ND		9.87	0.789	ug/L		12/06/25 15:15	12/09/25 07:34	1
Naphthalene	ND		9.87	0.740	ug/L		12/06/25 15:15	12/09/25 07:34	1
Nitrobenzene	ND		9.87	0.592	ug/L		12/06/25 15:15	12/09/25 07:34	1
N-Nitrosodi-n-propylamine	ND		9.87	0.326	ug/L		12/06/25 15:15	12/09/25 07:34	1

Client Sample ID: A-MW-8
Date Collected: 12/03/25 14:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.87	0.188	ug/L		12/06/25 15:15	12/09/25 07:34	1
Pentachlorophenol	ND		9.87	2.76	ug/L		12/06/25 15:15	12/09/25 07:34	1
Phenanthrene	ND		9.87	0.730	ug/L		12/06/25 15:15	12/09/25 07:34	1
Phenol	ND		9.87	0.671	ug/L		12/06/25 15:15	12/09/25 07:34	1
Pyrene	ND		9.87	0.622	ug/L		12/06/25 15:15	12/09/25 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*12/06/25 15:15*	*12/09/25 07:34*	*1*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*	*12/06/25 15:15*	*12/09/25 07:34*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 150*	*12/06/25 15:15*	*12/09/25 07:34*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*12/06/25 15:15*	*12/09/25 07:34*	*1*
Phenol-d5 (Surr)	*63*		*10 - 150*	*12/06/25 15:15*	*12/09/25 07:34*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*12/06/25 15:15*	*12/09/25 07:34*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:26	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:26	1
Barium	**43.6**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:26	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:26	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:26	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:26	1
Cobalt	**1.33**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:26	1
Copper	**1.58**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:26	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:26	1
Manganese	**32.6**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:26	1
Nickel	**0.872**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:26	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:26	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:26	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:26	1
Vanadium	**4.40**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:26	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.369**		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:27	1
Nitrite as N (EPA 353.2)	ND	F1	0.100	0.0168	mg/L			12/04/25 16:51	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.82**		0.500	0.0500	mg/L			12/11/25 11:20	5
Nitrate as N (SM Nitrate by calc)	**3.82**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**482**		100	28.0	mg/L			12/06/25 14:21	20

Client Sample ID: A-MW-9

Date Collected: 12/03/25 14:30
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 16:16	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 16:16	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 16:16	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 16:16	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 16:16	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 16:16	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 16:16	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 16:16	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 16:16	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 16:16	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 16:16	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 16:16	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 16:16	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 16:16	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 16:16	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 16:16	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 16:16	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 16:16	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 16:16	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 16:16	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 16:16	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 16:16	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 16:16	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 16:16	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 16:16	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 16:16	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 16:16	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 16:16	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 16:16	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 16:16	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 16:16	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 16:16	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 16:16	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 16:16	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 16:16	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 16:16	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 16:16	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 16:16	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 16:16	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 16:16	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 16:16	1

Client Sample ID: A-MW-9

Date Collected: 12/03/25 14:30
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 16:16	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 16:16	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 16:16	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 16:16	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 16:16	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 16:16	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 16:16	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 16:16	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 16:16	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 16:16	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 16:16	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 16:16	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 16:16	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 16:16	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 16:16	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 16:16	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 16:16	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 16:16	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 16:16	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 16:16	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 16:16	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 16:16*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 16:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*		*12/09/25 16:16*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/09/25 16:16*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		12/08/25 11:11	12/08/25 19:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*12/08/25 11:11*	*12/08/25 19:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		12/06/25 15:15	12/09/25 08:06	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		12/06/25 15:15	12/09/25 08:06	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		12/06/25 15:15	12/09/25 08:06	1
2-Chlorophenol	ND		10.0	0.843	ug/L		12/06/25 15:15	12/09/25 08:06	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		12/06/25 15:15	12/09/25 08:06	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-9
Date Collected: 12/03/25 14:30
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		12/06/25 15:15	12/09/25 08:06	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/06/25 15:15	12/09/25 08:06	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/06/25 15:15	12/09/25 08:06	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		12/06/25 15:15	12/09/25 08:06	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		12/06/25 15:15	12/09/25 08:06	1
3-Nitroaniline	ND		10.0	0.953	ug/L		12/06/25 15:15	12/09/25 08:06	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		12/06/25 15:15	12/09/25 08:06	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/06/25 15:15	12/09/25 08:06	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		12/06/25 15:15	12/09/25 08:06	1
4-Chloroaniline	ND		10.0	0.582	ug/L		12/06/25 15:15	12/09/25 08:06	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		12/06/25 15:15	12/09/25 08:06	1
4-Nitroaniline	ND		10.0	3.51	ug/L		12/06/25 15:15	12/09/25 08:06	1
4-Nitrophenol	ND		10.0	2.75	ug/L		12/06/25 15:15	12/09/25 08:06	1
Acenaphthene	ND		10.0	0.632	ug/L		12/06/25 15:15	12/09/25 08:06	1
Acenaphthylene	ND		10.0	0.763	ug/L		12/06/25 15:15	12/09/25 08:06	1
Acetophenone	ND		10.0	3.21	ug/L		12/06/25 15:15	12/09/25 08:06	1
Anthracene	ND		10.0	0.913	ug/L		12/06/25 15:15	12/09/25 08:06	1
Atrazine	ND		10.0	1.13	ug/L		12/06/25 15:15	12/09/25 08:06	1
Benzaldehyde	ND		10.0	0.672	ug/L		12/06/25 15:15	12/09/25 08:06	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/06/25 15:15	12/09/25 08:06	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 08:06	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 08:06	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		12/06/25 15:15	12/09/25 08:06	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		12/06/25 15:15	12/09/25 08:06	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		12/06/25 15:15	12/09/25 08:06	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		12/06/25 15:15	12/09/25 08:06	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		12/06/25 15:15	12/09/25 08:06	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		12/06/25 15:15	12/09/25 08:06	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		12/06/25 15:15	12/09/25 08:06	1
Caprolactam	ND		10.0	2.41	ug/L		12/06/25 15:15	12/09/25 08:06	1
Carbazole	ND		10.0	0.321	ug/L		12/06/25 15:15	12/09/25 08:06	1
Chrysene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 08:06	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/06/25 15:15	12/09/25 08:06	1
Dibenzofuran	ND		10.0	0.642	ug/L		12/06/25 15:15	12/09/25 08:06	1
Diethyl phthalate	ND		10.0	4.01	ug/L		12/06/25 15:15	12/09/25 08:06	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		12/06/25 15:15	12/09/25 08:06	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		12/06/25 15:15	12/09/25 08:06	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		12/06/25 15:15	12/09/25 08:06	1
Fluoranthene	ND		10.0	0.632	ug/L		12/06/25 15:15	12/09/25 08:06	1
Fluorene	ND		10.0	0.672	ug/L		12/06/25 15:15	12/09/25 08:06	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		12/06/25 15:15	12/09/25 08:06	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		12/06/25 15:15	12/09/25 08:06	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		12/06/25 15:15	12/09/25 08:06	1
Hexachloroethane	ND		10.0	0.532	ug/L		12/06/25 15:15	12/09/25 08:06	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 08:06	1
Isophorone	ND		10.0	0.803	ug/L		12/06/25 15:15	12/09/25 08:06	1
Naphthalene	ND		10.0	0.753	ug/L		12/06/25 15:15	12/09/25 08:06	1
Nitrobenzene	ND		10.0	0.602	ug/L		12/06/25 15:15	12/09/25 08:06	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		12/06/25 15:15	12/09/25 08:06	1

Client Sample ID: A-MW-9
Date Collected: 12/03/25 14:30
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		12/06/25 15:15	12/09/25 08:06	1
Pentachlorophenol	ND		10.0	2.81	ug/L		12/06/25 15:15	12/09/25 08:06	1
Phenanthrene	ND		10.0	0.742	ug/L		12/06/25 15:15	12/09/25 08:06	1
Phenol	ND		10.0	0.682	ug/L		12/06/25 15:15	12/09/25 08:06	1
Pyrene	ND		10.0	0.632	ug/L		12/06/25 15:15	12/09/25 08:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*12/06/25 15:15*	*12/09/25 08:06*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*12/06/25 15:15*	*12/09/25 08:06*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*12/06/25 15:15*	*12/09/25 08:06*	*1*
Nitrobenzene-d5 (Surr)	*80*		*22 - 150*	*12/06/25 15:15*	*12/09/25 08:06*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*12/06/25 15:15*	*12/09/25 08:06*	*1*
Terphenyl-d14 (Surr)	*56*		*28 - 150*	*12/06/25 15:15*	*12/09/25 08:06*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:31	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:31	1
Barium	**87.3**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:31	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:31	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:31	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:31	1
Cobalt	**0.774**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:31	1
Copper	ND		2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:31	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:31	1
Manganese	**2270**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:31	1
Nickel	**3.52**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:31	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:31	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:31	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:31	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:31	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:29	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:54	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/11/25 11:22	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**59.6**		10.0	2.80	mg/L			12/06/25 13:19	2

Client Sample ID: MW-1

Date Collected: 12/03/25 15:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 16:37	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 16:37	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 16:37	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 16:37	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 16:37	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 16:37	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 16:37	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 16:37	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 16:37	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 16:37	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 16:37	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 16:37	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 16:37	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 16:37	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 16:37	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 16:37	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 16:37	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 16:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 16:37	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 16:37	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 16:37	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 16:37	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 16:37	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 16:37	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 16:37	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 16:37	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 16:37	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 16:37	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 16:37	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 16:37	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 16:37	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 16:37	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 16:37	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 16:37	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 16:37	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 16:37	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 16:37	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 16:37	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 16:37	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 16:37	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 16:37	1

Client Sample ID: MW-1
Date Collected: 12/03/25 15:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 16:37	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 16:37	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 16:37	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 16:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 16:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 16:37	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 16:37	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 16:37	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 16:37	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 16:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 16:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 16:37	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 16:37	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 16:37	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 16:37	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 16:37	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 16:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 16:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 16:37	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 16:37	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 16:37	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 16:37*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*12/09/25 16:37*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 16:37*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		12/08/25 11:11	12/08/25 20:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 140*	*12/08/25 11:11*	*12/08/25 20:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		12/06/25 15:15	12/09/25 08:38	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		12/06/25 15:15	12/09/25 08:38	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/06/25 15:15	12/09/25 08:38	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/06/25 15:15	12/09/25 08:38	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/06/25 15:15	12/09/25 08:38	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-1
Date Collected: 12/03/25 15:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		12/06/25 15:15	12/09/25 08:38	1
2-Nitroaniline	ND		10.1	1.39	ug/L		12/06/25 15:15	12/09/25 08:38	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/06/25 15:15	12/09/25 08:38	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/06/25 15:15	12/09/25 08:38	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/06/25 15:15	12/09/25 08:38	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/06/25 15:15	12/09/25 08:38	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/06/25 15:15	12/09/25 08:38	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		12/06/25 15:15	12/09/25 08:38	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/06/25 15:15	12/09/25 08:38	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/06/25 15:15	12/09/25 08:38	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		12/06/25 15:15	12/09/25 08:38	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/06/25 15:15	12/09/25 08:38	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/06/25 15:15	12/09/25 08:38	1
Acenaphthene	ND		10.1	0.639	ug/L		12/06/25 15:15	12/09/25 08:38	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/06/25 15:15	12/09/25 08:38	1
Acetophenone	ND		10.1	3.24	ug/L		12/06/25 15:15	12/09/25 08:38	1
Anthracene	ND		10.1	0.922	ug/L		12/06/25 15:15	12/09/25 08:38	1
Atrazine	ND		10.1	1.15	ug/L		12/06/25 15:15	12/09/25 08:38	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/06/25 15:15	12/09/25 08:38	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/06/25 15:15	12/09/25 08:38	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/06/25 15:15	12/09/25 08:38	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/06/25 15:15	12/09/25 08:38	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/06/25 15:15	12/09/25 08:38	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/06/25 15:15	12/09/25 08:38	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		12/06/25 15:15	12/09/25 08:38	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		12/06/25 15:15	12/09/25 08:38	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		12/06/25 15:15	12/09/25 08:38	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/06/25 15:15	12/09/25 08:38	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/06/25 15:15	12/09/25 08:38	1
Caprolactam	**7.45**	**J**	10.1	2.43	ug/L		12/06/25 15:15	12/09/25 08:38	1
Carbazole	ND		10.1	0.324	ug/L		12/06/25 15:15	12/09/25 08:38	1
Chrysene	ND		10.1	1.22	ug/L		12/06/25 15:15	12/09/25 08:38	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/06/25 15:15	12/09/25 08:38	1
Dibenzofuran	ND		10.1	0.649	ug/L		12/06/25 15:15	12/09/25 08:38	1
Diethyl phthalate	ND		10.1	4.05	ug/L		12/06/25 15:15	12/09/25 08:38	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		12/06/25 15:15	12/09/25 08:38	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		12/06/25 15:15	12/09/25 08:38	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/06/25 15:15	12/09/25 08:38	1
Fluoranthene	ND		10.1	0.639	ug/L		12/06/25 15:15	12/09/25 08:38	1
Fluorene	ND		10.1	0.679	ug/L		12/06/25 15:15	12/09/25 08:38	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/06/25 15:15	12/09/25 08:38	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/06/25 15:15	12/09/25 08:38	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/06/25 15:15	12/09/25 08:38	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/06/25 15:15	12/09/25 08:38	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/06/25 15:15	12/09/25 08:38	1
Isophorone	ND		10.1	0.811	ug/L		12/06/25 15:15	12/09/25 08:38	1
Naphthalene	ND		10.1	0.760	ug/L		12/06/25 15:15	12/09/25 08:38	1
Nitrobenzene	ND		10.1	0.608	ug/L		12/06/25 15:15	12/09/25 08:38	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		12/06/25 15:15	12/09/25 08:38	1

Client Sample ID: MW-1

Date Collected: 12/03/25 15:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		12/06/25 15:15	12/09/25 08:38	1
Pentachlorophenol	ND		10.1	2.84	ug/L		12/06/25 15:15	12/09/25 08:38	1
Phenanthrene	ND		10.1	0.750	ug/L		12/06/25 15:15	12/09/25 08:38	1
Phenol	ND		10.1	0.689	ug/L		12/06/25 15:15	12/09/25 08:38	1
Pyrene	ND		10.1	0.639	ug/L		12/06/25 15:15	12/09/25 08:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 150*	*12/06/25 15:15*	*12/09/25 08:38*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*12/06/25 15:15*	*12/09/25 08:38*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*12/06/25 15:15*	*12/09/25 08:38*	*1*
Nitrobenzene-d5 (Surr)	*82*		*22 - 150*	*12/06/25 15:15*	*12/09/25 08:38*	*1*
Phenol-d5 (Surr)	*66*		*10 - 150*	*12/06/25 15:15*	*12/09/25 08:38*	*1*
Terphenyl-d14 (Surr)	*71*		*28 - 150*	*12/06/25 15:15*	*12/09/25 08:38*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:34	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:34	1
Barium	**316**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:34	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:34	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:34	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:34	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:34	1
Copper	ND		2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:34	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:34	1
Manganese	**21.0**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:34	1
Nickel	ND		5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:34	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:34	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:34	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:34	1
Vanadium	**9.85**		5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:34	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.118**	**J**	0.250	0.100	mg/L			12/09/25 13:32	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:55	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**2.95**		0.500	0.0500	mg/L			12/11/25 11:27	5
Nitrate as N (SM Nitrate by calc)	**2.95**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**35.3**		5.00	1.40	mg/L			12/06/25 13:20	1

Client Sample ID: MW-4

Date Collected: 12/03/25 13:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 16:58	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 16:58	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 16:58	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 16:58	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 16:58	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 16:58	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 16:58	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 16:58	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 16:58	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 16:58	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 16:58	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 16:58	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 16:58	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 16:58	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 16:58	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 16:58	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 16:58	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 16:58	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 16:58	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 16:58	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 16:58	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 16:58	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 16:58	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 16:58	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 16:58	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 16:58	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 16:58	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 16:58	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 16:58	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 16:58	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 16:58	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 16:58	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 16:58	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 16:58	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 16:58	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 16:58	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 16:58	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 16:58	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 16:58	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 16:58	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 16:58	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 16:58	1

Client Sample ID: MW-4
Date Collected: 12/03/25 13:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 16:58	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 16:58	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 16:58	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 16:58	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 16:58	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 16:58	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 16:58	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 16:58	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 16:58	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 16:58	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 16:58	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 16:58	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 16:58	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 16:58	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 16:58	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 16:58	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 16:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 16:58	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 16:58	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 16:58	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 16:58	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 16:58	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/09/25 16:58*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 16:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*12/09/25 16:58*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 16:58*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		12/08/25 11:11	12/08/25 20:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*12/08/25 11:11*	*12/08/25 20:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.84	0.413	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,4,5-Trichlorophenol	ND		9.84	0.531	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,4,6-Trichlorophenol	ND		9.84	1.07	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,4-Dichlorophenol	ND		9.84	0.561	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,4-Dimethylphenol	ND		9.84	0.236	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,4-Dinitrophenol	ND		29.5	4.60	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,4-Dinitrotoluene	ND		9.84	0.639	ug/L		12/06/25 15:15	12/09/25 09:11	1
2,6-Dinitrotoluene	ND		9.84	0.285	ug/L		12/06/25 15:15	12/09/25 09:11	1
2-Chloronaphthalene	ND		9.84	0.374	ug/L		12/06/25 15:15	12/09/25 09:11	1
2-Chlorophenol	ND		9.84	0.826	ug/L		12/06/25 15:15	12/09/25 09:11	1
2-Methylnaphthalene	ND		9.84	0.797	ug/L		12/06/25 15:15	12/09/25 09:11	1

Client Sample ID: MW-4
Date Collected: 12/03/25 13:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.84	0.748	ug/L		12/06/25 15:15	12/09/25 09:11	1
2-Nitroaniline	ND		9.84	1.35	ug/L		12/06/25 15:15	12/09/25 09:11	1
2-Nitrophenol	ND		9.84	1.15	ug/L		12/06/25 15:15	12/09/25 09:11	1
3 & 4 Methylphenol	ND		19.7	4.52	ug/L		12/06/25 15:15	12/09/25 09:11	1
3,3'-Dichlorobenzidine	ND		10.8	0.403	ug/L		12/06/25 15:15	12/09/25 09:11	1
3-Nitroaniline	ND		9.84	0.934	ug/L		12/06/25 15:15	12/09/25 09:11	1
4,6-Dinitro-2-methylphenol	ND		9.84	1.94	ug/L		12/06/25 15:15	12/09/25 09:11	1
4-Bromophenyl phenyl ether	ND		9.84	0.128	ug/L		12/06/25 15:15	12/09/25 09:11	1
4-Chloro-3-methylphenol	ND		9.84	0.718	ug/L		12/06/25 15:15	12/09/25 09:11	1
4-Chloroaniline	ND		9.84	0.570	ug/L		12/06/25 15:15	12/09/25 09:11	1
4-Chlorophenyl phenyl ether	ND		9.84	0.236	ug/L		12/06/25 15:15	12/09/25 09:11	1
4-Nitroaniline	ND		9.84	3.44	ug/L		12/06/25 15:15	12/09/25 09:11	1
4-Nitrophenol	ND		9.84	2.70	ug/L		12/06/25 15:15	12/09/25 09:11	1
Acenaphthene	ND		9.84	0.620	ug/L		12/06/25 15:15	12/09/25 09:11	1
Acenaphthylene	ND		9.84	0.748	ug/L		12/06/25 15:15	12/09/25 09:11	1
Acetophenone	ND		9.84	3.15	ug/L		12/06/25 15:15	12/09/25 09:11	1
Anthracene	ND		9.84	0.895	ug/L		12/06/25 15:15	12/09/25 09:11	1
Atrazine	ND		9.84	1.11	ug/L		12/06/25 15:15	12/09/25 09:11	1
Benzaldehyde	ND		9.84	0.659	ug/L		12/06/25 15:15	12/09/25 09:11	1
Benzo[a]anthracene	ND		9.84	0.984	ug/L		12/06/25 15:15	12/09/25 09:11	1
Benzo[a]pyrene	ND		9.84	1.08	ug/L		12/06/25 15:15	12/09/25 09:11	1
Benzo[b]fluoranthene	ND		9.84	1.18	ug/L		12/06/25 15:15	12/09/25 09:11	1
Benzo[g,h,i]perylene	ND		9.84	1.48	ug/L		12/06/25 15:15	12/09/25 09:11	1
Benzo[k]fluoranthene	ND		9.84	1.48	ug/L		12/06/25 15:15	12/09/25 09:11	1
bis (2-chloroisopropyl) ether	ND		9.84	0.915	ug/L		12/06/25 15:15	12/09/25 09:11	1
Bis(2-chloroethoxy)methane	ND		9.84	0.334	ug/L		12/06/25 15:15	12/09/25 09:11	1
Bis(2-chloroethyl)ether	ND		9.84	0.718	ug/L		12/06/25 15:15	12/09/25 09:11	1
Bis(2-ethylhexyl) phthalate	ND		9.84	3.93	ug/L		12/06/25 15:15	12/09/25 09:11	1
Butyl benzyl phthalate	ND		9.84	3.93	ug/L		12/06/25 15:15	12/09/25 09:11	1
Caprolactam	ND		9.84	2.36	ug/L		12/06/25 15:15	12/09/25 09:11	1
Carbazole	ND		9.84	0.315	ug/L		12/06/25 15:15	12/09/25 09:11	1
Chrysene	ND		9.84	1.18	ug/L		12/06/25 15:15	12/09/25 09:11	1
Dibenz(a,h)anthracene	ND		9.84	1.28	ug/L		12/06/25 15:15	12/09/25 09:11	1
Dibenzofuran	ND		9.84	0.630	ug/L		12/06/25 15:15	12/09/25 09:11	1
Diethyl phthalate	ND		9.84	3.93	ug/L		12/06/25 15:15	12/09/25 09:11	1
Dimethyl phthalate	ND		9.84	3.93	ug/L		12/06/25 15:15	12/09/25 09:11	1
Di-n-butyl phthalate	ND		9.84	8.06	ug/L		12/06/25 15:15	12/09/25 09:11	1
Di-n-octyl phthalate	ND		9.84	3.93	ug/L		12/06/25 15:15	12/09/25 09:11	1
Fluoranthene	ND		9.84	0.620	ug/L		12/06/25 15:15	12/09/25 09:11	1
Fluorene	ND		9.84	0.659	ug/L		12/06/25 15:15	12/09/25 09:11	1
Hexachlorobenzene	ND		9.84	0.246	ug/L		12/06/25 15:15	12/09/25 09:11	1
Hexachlorobutadiene	ND		9.84	0.541	ug/L		12/06/25 15:15	12/09/25 09:11	1
Hexachlorocyclopentadiene	ND		19.7	0.315	ug/L		12/06/25 15:15	12/09/25 09:11	1
Hexachloroethane	ND		9.84	0.521	ug/L		12/06/25 15:15	12/09/25 09:11	1
Indeno[1,2,3-cd]pyrene	ND		9.84	1.08	ug/L		12/06/25 15:15	12/09/25 09:11	1
Isophorone	ND		9.84	0.787	ug/L		12/06/25 15:15	12/09/25 09:11	1
Naphthalene	ND		9.84	0.738	ug/L		12/06/25 15:15	12/09/25 09:11	1
Nitrobenzene	ND		9.84	0.590	ug/L		12/06/25 15:15	12/09/25 09:11	1
N-Nitrosodi-n-propylamine	ND		9.84	0.325	ug/L		12/06/25 15:15	12/09/25 09:11	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-4

Date Collected: 12/03/25 13:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.84	0.187	ug/L		12/06/25 15:15	12/09/25 09:11	1
Pentachlorophenol	ND		9.84	2.75	ug/L		12/06/25 15:15	12/09/25 09:11	1
Phenanthrene	ND		9.84	0.728	ug/L		12/06/25 15:15	12/09/25 09:11	1
Phenol	ND		9.84	0.669	ug/L		12/06/25 15:15	12/09/25 09:11	1
Pyrene	ND		9.84	0.620	ug/L		12/06/25 15:15	12/09/25 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*12/06/25 15:15*	*12/09/25 09:11*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*12/06/25 15:15*	*12/09/25 09:11*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 150*	*12/06/25 15:15*	*12/09/25 09:11*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*12/06/25 15:15*	*12/09/25 09:11*	*1*
Phenol-d5 (Surr)	*62*		*10 - 150*	*12/06/25 15:15*	*12/09/25 09:11*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*12/06/25 15:15*	*12/09/25 09:11*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:40	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:40	1
Barium	**198**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:40	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:40	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:40	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:40	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:40	1
Copper	**0.825**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:40	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:40	1
Manganese	**120**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:40	1
Nickel	**1.00**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:40	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:40	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:40	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:40	1
Vanadium	**2.22**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:40	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 13:35	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:56	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.917**		0.100	0.0100	mg/L			12/11/25 11:29	1
Nitrate as N (SM Nitrate by calc)	**0.917**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**60.6**		10.0	2.80	mg/L			12/06/25 13:20	2

Client Sample ID: MW-5

Date Collected: 12/03/25 13:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 17:18	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 17:18	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 17:18	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 17:18	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 17:18	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 17:18	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 17:18	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 17:18	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 17:18	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 17:18	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 17:18	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 17:18	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 17:18	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 17:18	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 17:18	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 17:18	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 17:18	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 17:18	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 17:18	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 17:18	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 17:18	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 17:18	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 17:18	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 17:18	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 17:18	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 17:18	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 17:18	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 17:18	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 17:18	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 17:18	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 17:18	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 17:18	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 17:18	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 17:18	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 17:18	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 17:18	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 17:18	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:18	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 17:18	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 17:18	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 17:18	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 17:18	1

Client Sample ID: MW-5
Date Collected: 12/03/25 13:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:18	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 17:18	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 17:18	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 17:18	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 17:18	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 17:18	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 17:18	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 17:18	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:18	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 17:18	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 17:18	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 17:18	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 17:18	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 17:18	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 17:18	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 17:18	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 17:18	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 17:18	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 17:18	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 17:18	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 17:18	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*12/09/25 17:18*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*12/09/25 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*12/09/25 17:18*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 17:18*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		12/08/25 11:11	12/08/25 21:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*12/08/25 11:11*	*12/08/25 21:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.80	0.412	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		12/06/25 15:15	12/09/25 09:44	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		12/06/25 15:15	12/09/25 09:44	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		12/06/25 15:15	12/09/25 09:44	1
2-Chlorophenol	ND		9.80	0.824	ug/L		12/06/25 15:15	12/09/25 09:44	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		12/06/25 15:15	12/09/25 09:44	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-5
Date Collected: 12/03/25 13:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.80	0.745	ug/L		12/06/25 15:15	12/09/25 09:44	1
2-Nitroaniline	ND		9.80	1.34	ug/L		12/06/25 15:15	12/09/25 09:44	1
2-Nitrophenol	ND		9.80	1.15	ug/L		12/06/25 15:15	12/09/25 09:44	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		12/06/25 15:15	12/09/25 09:44	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		12/06/25 15:15	12/09/25 09:44	1
3-Nitroaniline	ND		9.80	0.931	ug/L		12/06/25 15:15	12/09/25 09:44	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		12/06/25 15:15	12/09/25 09:44	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		12/06/25 15:15	12/09/25 09:44	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		12/06/25 15:15	12/09/25 09:44	1
4-Chloroaniline	ND		9.80	0.569	ug/L		12/06/25 15:15	12/09/25 09:44	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		12/06/25 15:15	12/09/25 09:44	1
4-Nitroaniline	ND		9.80	3.43	ug/L		12/06/25 15:15	12/09/25 09:44	1
4-Nitrophenol	ND		9.80	2.69	ug/L		12/06/25 15:15	12/09/25 09:44	1
Acenaphthene	ND		9.80	0.618	ug/L		12/06/25 15:15	12/09/25 09:44	1
Acenaphthylene	ND		9.80	0.745	ug/L		12/06/25 15:15	12/09/25 09:44	1
Acetophenone	ND		9.80	3.14	ug/L		12/06/25 15:15	12/09/25 09:44	1
Anthracene	ND		9.80	0.892	ug/L		12/06/25 15:15	12/09/25 09:44	1
Atrazine	ND		9.80	1.11	ug/L		12/06/25 15:15	12/09/25 09:44	1
Benzaldehyde	ND		9.80	0.657	ug/L		12/06/25 15:15	12/09/25 09:44	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		12/06/25 15:15	12/09/25 09:44	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		12/06/25 15:15	12/09/25 09:44	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		12/06/25 15:15	12/09/25 09:44	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		12/06/25 15:15	12/09/25 09:44	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		12/06/25 15:15	12/09/25 09:44	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		12/06/25 15:15	12/09/25 09:44	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		12/06/25 15:15	12/09/25 09:44	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		12/06/25 15:15	12/09/25 09:44	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 09:44	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 09:44	1
Caprolactam	ND		9.80	2.35	ug/L		12/06/25 15:15	12/09/25 09:44	1
Carbazole	ND		9.80	0.314	ug/L		12/06/25 15:15	12/09/25 09:44	1
Chrysene	ND		9.80	1.18	ug/L		12/06/25 15:15	12/09/25 09:44	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		12/06/25 15:15	12/09/25 09:44	1
Dibenzofuran	ND		9.80	0.627	ug/L		12/06/25 15:15	12/09/25 09:44	1
Diethyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 09:44	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 09:44	1
Di-n-butyl phthalate	ND		9.80	8.03	ug/L		12/06/25 15:15	12/09/25 09:44	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		12/06/25 15:15	12/09/25 09:44	1
Fluoranthene	ND		9.80	0.618	ug/L		12/06/25 15:15	12/09/25 09:44	1
Fluorene	ND		9.80	0.657	ug/L		12/06/25 15:15	12/09/25 09:44	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		12/06/25 15:15	12/09/25 09:44	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		12/06/25 15:15	12/09/25 09:44	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		12/06/25 15:15	12/09/25 09:44	1
Hexachloroethane	ND		9.80	0.520	ug/L		12/06/25 15:15	12/09/25 09:44	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		12/06/25 15:15	12/09/25 09:44	1
Isophorone	ND		9.80	0.784	ug/L		12/06/25 15:15	12/09/25 09:44	1
Naphthalene	ND		9.80	0.735	ug/L		12/06/25 15:15	12/09/25 09:44	1
Nitrobenzene	ND		9.80	0.588	ug/L		12/06/25 15:15	12/09/25 09:44	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		12/06/25 15:15	12/09/25 09:44	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-5

Date Collected: 12/03/25 13:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		12/06/25 15:15	12/09/25 09:44	1
Pentachlorophenol	ND		9.80	2.75	ug/L		12/06/25 15:15	12/09/25 09:44	1
Phenanthrene	ND		9.80	0.725	ug/L		12/06/25 15:15	12/09/25 09:44	1
Phenol	ND		9.80	0.667	ug/L		12/06/25 15:15	12/09/25 09:44	1
Pyrene	ND		9.80	0.618	ug/L		12/06/25 15:15	12/09/25 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*12/06/25 15:15*	*12/09/25 09:44*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*12/06/25 15:15*	*12/09/25 09:44*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*12/06/25 15:15*	*12/09/25 09:44*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*12/06/25 15:15*	*12/09/25 09:44*	*1*
Phenol-d5 (Surr)	*70*		*10 - 150*	*12/06/25 15:15*	*12/09/25 09:44*	*1*
Terphenyl-d14 (Surr)	*69*		*28 - 150*	*12/06/25 15:15*	*12/09/25 09:44*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:46	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:46	1
Barium	**146**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:46	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:46	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:46	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:46	1
Cobalt	**0.612**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:46	1
Copper	**1.19**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:46	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:46	1
Manganese	**118**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:46	1
Nickel	**1.49**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:46	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:46	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:46	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:46	1
Vanadium	**3.42**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:46	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND	F1	0.250	0.100	mg/L			12/09/25 13:37	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:57	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			12/11/25 11:31	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**15.5**		5.00	1.40	mg/L			12/06/25 13:23	1

Client Sample ID: MW-6

Date Collected: 12/03/25 11:15
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 17:39	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 17:39	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 17:39	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 17:39	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 17:39	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 17:39	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 17:39	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 17:39	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 17:39	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 17:39	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 17:39	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 17:39	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 17:39	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 17:39	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 17:39	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 17:39	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 17:39	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 17:39	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 17:39	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 17:39	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 17:39	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 17:39	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 17:39	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 17:39	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 17:39	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 17:39	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 17:39	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 17:39	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 17:39	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 17:39	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 17:39	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 17:39	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 17:39	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 17:39	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 17:39	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 17:39	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 17:39	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:39	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 17:39	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 17:39	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 17:39	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 17:39	1

Client Sample ID: MW-6
Date Collected: 12/03/25 11:15
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 17:39	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 17:39	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 17:39	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 17:39	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 17:39	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 17:39	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 17:39	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 17:39	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 17:39	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 17:39	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 17:39	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 17:39	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 17:39	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 17:39	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 17:39	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 17:39	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 17:39	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 17:39	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 17:39	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 17:39	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 17:39	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 17:39*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*12/09/25 17:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*12/09/25 17:39*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/09/25 17:39*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		12/08/25 11:11	12/08/25 21:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*12/08/25 11:11*	*12/08/25 21:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		12/06/25 15:15	12/09/25 10:17	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		12/06/25 15:15	12/09/25 10:17	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		12/06/25 15:15	12/09/25 10:17	1
2-Chlorophenol	ND		10.1	0.846	ug/L		12/06/25 15:15	12/09/25 10:17	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		12/06/25 15:15	12/09/25 10:17	1

Client Sample ID: MW-6
Date Collected: 12/03/25 11:15
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.765	ug/L		12/06/25 15:15	12/09/25 10:17	1
2-Nitroaniline	ND		10.1	1.38	ug/L		12/06/25 15:15	12/09/25 10:17	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/06/25 15:15	12/09/25 10:17	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		12/06/25 15:15	12/09/25 10:17	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		12/06/25 15:15	12/09/25 10:17	1
3-Nitroaniline	ND		10.1	0.956	ug/L		12/06/25 15:15	12/09/25 10:17	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		12/06/25 15:15	12/09/25 10:17	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/06/25 15:15	12/09/25 10:17	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		12/06/25 15:15	12/09/25 10:17	1
4-Chloroaniline	ND		10.1	0.584	ug/L		12/06/25 15:15	12/09/25 10:17	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/06/25 15:15	12/09/25 10:17	1
4-Nitroaniline	ND		10.1	3.52	ug/L		12/06/25 15:15	12/09/25 10:17	1
4-Nitrophenol	ND		10.1	2.76	ug/L		12/06/25 15:15	12/09/25 10:17	1
Acenaphthene	ND		10.1	0.634	ug/L		12/06/25 15:15	12/09/25 10:17	1
Acenaphthylene	ND		10.1	0.765	ug/L		12/06/25 15:15	12/09/25 10:17	1
Acetophenone	ND		10.1	3.22	ug/L		12/06/25 15:15	12/09/25 10:17	1
Anthracene	ND		10.1	0.916	ug/L		12/06/25 15:15	12/09/25 10:17	1
Atrazine	ND		10.1	1.14	ug/L		12/06/25 15:15	12/09/25 10:17	1
Benzaldehyde	ND		10.1	0.674	ug/L		12/06/25 15:15	12/09/25 10:17	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/06/25 15:15	12/09/25 10:17	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/06/25 15:15	12/09/25 10:17	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/06/25 15:15	12/09/25 10:17	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		12/06/25 15:15	12/09/25 10:17	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		12/06/25 15:15	12/09/25 10:17	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		12/06/25 15:15	12/09/25 10:17	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		12/06/25 15:15	12/09/25 10:17	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		12/06/25 15:15	12/09/25 10:17	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		12/06/25 15:15	12/09/25 10:17	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		12/06/25 15:15	12/09/25 10:17	1
Caprolactam	ND		10.1	2.42	ug/L		12/06/25 15:15	12/09/25 10:17	1
Carbazole	ND		10.1	0.322	ug/L		12/06/25 15:15	12/09/25 10:17	1
Chrysene	ND		10.1	1.21	ug/L		12/06/25 15:15	12/09/25 10:17	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/06/25 15:15	12/09/25 10:17	1
Dibenzofuran	ND		10.1	0.644	ug/L		12/06/25 15:15	12/09/25 10:17	1
Diethyl phthalate	ND		10.1	4.03	ug/L		12/06/25 15:15	12/09/25 10:17	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		12/06/25 15:15	12/09/25 10:17	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		12/06/25 15:15	12/09/25 10:17	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		12/06/25 15:15	12/09/25 10:17	1
Fluoranthene	ND		10.1	0.634	ug/L		12/06/25 15:15	12/09/25 10:17	1
Fluorene	ND		10.1	0.674	ug/L		12/06/25 15:15	12/09/25 10:17	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		12/06/25 15:15	12/09/25 10:17	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		12/06/25 15:15	12/09/25 10:17	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		12/06/25 15:15	12/09/25 10:17	1
Hexachloroethane	ND		10.1	0.534	ug/L		12/06/25 15:15	12/09/25 10:17	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/06/25 15:15	12/09/25 10:17	1
Isophorone	ND		10.1	0.805	ug/L		12/06/25 15:15	12/09/25 10:17	1
Naphthalene	ND		10.1	0.755	ug/L		12/06/25 15:15	12/09/25 10:17	1
Nitrobenzene	ND		10.1	0.604	ug/L		12/06/25 15:15	12/09/25 10:17	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		12/06/25 15:15	12/09/25 10:17	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-6

Date Collected: 12/03/25 11:15
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		12/06/25 15:15	12/09/25 10:17	1
Pentachlorophenol	ND		10.1	2.82	ug/L		12/06/25 15:15	12/09/25 10:17	1
Phenanthrene	ND		10.1	0.745	ug/L		12/06/25 15:15	12/09/25 10:17	1
Phenol	ND		10.1	0.685	ug/L		12/06/25 15:15	12/09/25 10:17	1
Pyrene	ND		10.1	0.634	ug/L		12/06/25 15:15	12/09/25 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*12/06/25 15:15*	*12/09/25 10:17*	*1*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*	*12/06/25 15:15*	*12/09/25 10:17*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 150*	*12/06/25 15:15*	*12/09/25 10:17*	*1*
Nitrobenzene-d5 (Surr)	*89*		*22 - 150*	*12/06/25 15:15*	*12/09/25 10:17*	*1*
Phenol-d5 (Surr)	*74*		*10 - 150*	*12/06/25 15:15*	*12/09/25 10:17*	*1*
Terphenyl-d14 (Surr)	*65*		*28 - 150*	*12/06/25 15:15*	*12/09/25 10:17*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:51	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:51	1
Barium	**168**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:51	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:51	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:51	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:51	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:51	1
Copper	**1.60**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:51	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:51	1
Manganese	**36.7**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:51	1
Nickel	**1.03**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:51	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:51	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:51	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:51	1
Vanadium	**2.18**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:51	1
Zinc	**1710**		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.121**	**J**	0.250	0.100	mg/L			12/09/25 14:12	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:58	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.106**		0.100	0.0100	mg/L			12/11/25 11:33	1
Nitrate as N (SM Nitrate by calc)	**0.106**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**28.5**		5.00	1.40	mg/L			12/06/25 13:24	1

Client Sample ID: MW-7

Date Collected: 12/03/25 12:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 18:00	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 18:00	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 18:00	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 18:00	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 18:00	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 18:00	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 18:00	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 18:00	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 18:00	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 18:00	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 18:00	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 18:00	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 18:00	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 18:00	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 18:00	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 18:00	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 18:00	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 18:00	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 18:00	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 18:00	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 18:00	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 18:00	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 18:00	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 18:00	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 18:00	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 18:00	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 18:00	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 18:00	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 18:00	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 18:00	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 18:00	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 18:00	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 18:00	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 18:00	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 18:00	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 18:00	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:00	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 18:00	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 18:00	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 18:00	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 18:00	1

Client Sample ID: MW-7

Date Collected: 12/03/25 12:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:00	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 18:00	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 18:00	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 18:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 18:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 18:00	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 18:00	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 18:00	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:00	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 18:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 18:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 18:00	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 18:00	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 18:00	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 18:00	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 18:00	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 18:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 18:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 18:00	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 18:00	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 18:00	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*12/09/25 18:00*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*12/09/25 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*12/09/25 18:00*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*12/09/25 18:00*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		12/08/25 11:11	12/08/25 21:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*12/08/25 11:11*	*12/08/25 21:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		12/06/25 15:15	12/09/25 10:49	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		12/06/25 15:15	12/09/25 10:49	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		12/06/25 15:15	12/09/25 10:49	1
2-Chlorophenol	ND		9.93	0.834	ug/L		12/06/25 15:15	12/09/25 10:49	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		12/06/25 15:15	12/09/25 10:49	1

Client Sample ID: MW-7
Date Collected: 12/03/25 12:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.93	0.755	ug/L		12/06/25 15:15	12/09/25 10:49	1
2-Nitroaniline	ND		9.93	1.36	ug/L		12/06/25 15:15	12/09/25 10:49	1
2-Nitrophenol	ND		9.93	1.16	ug/L		12/06/25 15:15	12/09/25 10:49	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		12/06/25 15:15	12/09/25 10:49	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		12/06/25 15:15	12/09/25 10:49	1
3-Nitroaniline	ND		9.93	0.944	ug/L		12/06/25 15:15	12/09/25 10:49	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		12/06/25 15:15	12/09/25 10:49	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		12/06/25 15:15	12/09/25 10:49	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		12/06/25 15:15	12/09/25 10:49	1
4-Chloroaniline	ND		9.93	0.576	ug/L		12/06/25 15:15	12/09/25 10:49	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		12/06/25 15:15	12/09/25 10:49	1
4-Nitroaniline	ND		9.93	3.48	ug/L		12/06/25 15:15	12/09/25 10:49	1
4-Nitrophenol	ND		9.93	2.72	ug/L		12/06/25 15:15	12/09/25 10:49	1
Acenaphthene	ND		9.93	0.626	ug/L		12/06/25 15:15	12/09/25 10:49	1
Acenaphthylene	ND		9.93	0.755	ug/L		12/06/25 15:15	12/09/25 10:49	1
Acetophenone	ND		9.93	3.18	ug/L		12/06/25 15:15	12/09/25 10:49	1
Anthracene	ND		9.93	0.904	ug/L		12/06/25 15:15	12/09/25 10:49	1
Atrazine	ND		9.93	1.12	ug/L		12/06/25 15:15	12/09/25 10:49	1
Benzaldehyde	ND		9.93	0.666	ug/L		12/06/25 15:15	12/09/25 10:49	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		12/06/25 15:15	12/09/25 10:49	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		12/06/25 15:15	12/09/25 10:49	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		12/06/25 15:15	12/09/25 10:49	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		12/06/25 15:15	12/09/25 10:49	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		12/06/25 15:15	12/09/25 10:49	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		12/06/25 15:15	12/09/25 10:49	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		12/06/25 15:15	12/09/25 10:49	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		12/06/25 15:15	12/09/25 10:49	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 10:49	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 10:49	1
Caprolactam	**7.16**	**J**	9.93	2.38	ug/L		12/06/25 15:15	12/09/25 10:49	1
Carbazole	ND		9.93	0.318	ug/L		12/06/25 15:15	12/09/25 10:49	1
Chrysene	ND		9.93	1.19	ug/L		12/06/25 15:15	12/09/25 10:49	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		12/06/25 15:15	12/09/25 10:49	1
Dibenzofuran	ND		9.93	0.636	ug/L		12/06/25 15:15	12/09/25 10:49	1
Diethyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 10:49	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 10:49	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		12/06/25 15:15	12/09/25 10:49	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		12/06/25 15:15	12/09/25 10:49	1
Fluoranthene	ND		9.93	0.626	ug/L		12/06/25 15:15	12/09/25 10:49	1
Fluorene	ND		9.93	0.666	ug/L		12/06/25 15:15	12/09/25 10:49	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		12/06/25 15:15	12/09/25 10:49	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		12/06/25 15:15	12/09/25 10:49	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		12/06/25 15:15	12/09/25 10:49	1
Hexachloroethane	ND		9.93	0.526	ug/L		12/06/25 15:15	12/09/25 10:49	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		12/06/25 15:15	12/09/25 10:49	1
Isophorone	ND		9.93	0.795	ug/L		12/06/25 15:15	12/09/25 10:49	1
Naphthalene	ND		9.93	0.745	ug/L		12/06/25 15:15	12/09/25 10:49	1
Nitrobenzene	ND		9.93	0.596	ug/L		12/06/25 15:15	12/09/25 10:49	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		12/06/25 15:15	12/09/25 10:49	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-7

Date Collected: 12/03/25 12:40
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		12/06/25 15:15	12/09/25 10:49	1
Pentachlorophenol	ND		9.93	2.78	ug/L		12/06/25 15:15	12/09/25 10:49	1
Phenanthrene	ND		9.93	0.735	ug/L		12/06/25 15:15	12/09/25 10:49	1
Phenol	ND		9.93	0.675	ug/L		12/06/25 15:15	12/09/25 10:49	1
Pyrene	ND		9.93	0.626	ug/L		12/06/25 15:15	12/09/25 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*	*12/06/25 15:15*	*12/09/25 10:49*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*12/06/25 15:15*	*12/09/25 10:49*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*12/06/25 15:15*	*12/09/25 10:49*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*12/06/25 15:15*	*12/09/25 10:49*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*12/06/25 15:15*	*12/09/25 10:49*	*1*
Terphenyl-d14 (Surr)	*80*		*28 - 150*	*12/06/25 15:15*	*12/09/25 10:49*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 13:57	1
Arsenic	**1.57**	**J**	5.00	1.32	ug/L		12/08/25 10:35	12/09/25 13:57	1
Barium	**140**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 13:57	1
Beryllium	**0.380**	**J**	1.00	0.147	ug/L		12/08/25 10:35	12/09/25 13:57	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 13:57	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 13:57	1
Cobalt	**1.12**	**J**	5.00	0.411	ug/L		12/08/25 10:35	12/09/25 13:57	1
Copper	**6.99**		2.00	0.642	ug/L		12/08/25 10:35	12/09/25 13:57	1
Lead	**1.29**		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 13:57	1
Manganese	**148**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 13:57	1
Nickel	**2.07**	**J**	5.00	0.422	ug/L		12/08/25 10:35	12/09/25 13:57	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 13:57	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 13:57	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 13:57	1
Vanadium	**8.29**		5.00	1.22	ug/L		12/08/25 10:35	12/09/25 13:57	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 13:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 14:15	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 16:59	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.66**		0.100	0.0100	mg/L			12/11/25 11:34	1
Nitrate as N (SM Nitrate by calc)	**1.66**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**20.6**		5.00	1.40	mg/L			12/06/25 13:25	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: 120325-Dup-1
Date Collected: 12/03/25 00:00
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 18:21	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 18:21	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 18:21	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 18:21	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 18:21	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 18:21	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 18:21	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 18:21	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 18:21	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 18:21	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 18:21	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 18:21	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 18:21	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 18:21	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 18:21	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 18:21	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 18:21	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 18:21	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 18:21	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 18:21	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 18:21	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 18:21	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 18:21	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 18:21	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 18:21	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 18:21	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 18:21	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 18:21	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 18:21	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 18:21	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 18:21	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 18:21	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 18:21	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 18:21	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 18:21	1
Methyl tert-butyl ether	**0.264**	**J**	1.00	0.220	ug/L			12/09/25 18:21	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:21	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 18:21	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 18:21	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 18:21	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 18:21	1

Client Sample ID: 120325-Dup-1

Date Collected: 12/03/25 00:00
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 18:21	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 18:21	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 18:21	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 18:21	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 18:21	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 18:21	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 18:21	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 18:21	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 18:21	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 18:21	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 18:21	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 18:21	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 18:21	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 18:21	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 18:21	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 18:21	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 18:21	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 18:21	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 18:21	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 18:21	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 18:21	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 18:21*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*12/09/25 18:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*12/09/25 18:21*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/09/25 18:21*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		12/08/25 11:11	12/08/25 22:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*12/08/25 11:11*	*12/08/25 22:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		12/06/25 15:15	12/09/25 11:22	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		12/06/25 15:15	12/09/25 11:22	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		12/06/25 15:15	12/09/25 11:22	1
2-Chlorophenol	ND		9.90	0.832	ug/L		12/06/25 15:15	12/09/25 11:22	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		12/06/25 15:15	12/09/25 11:22	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: 120325-Dup-1
Date Collected: 12/03/25 00:00
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.90	0.752	ug/L		12/06/25 15:15	12/09/25 11:22	1
2-Nitroaniline	ND		9.90	1.36	ug/L		12/06/25 15:15	12/09/25 11:22	1
2-Nitrophenol	ND		9.90	1.16	ug/L		12/06/25 15:15	12/09/25 11:22	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		12/06/25 15:15	12/09/25 11:22	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		12/06/25 15:15	12/09/25 11:22	1
3-Nitroaniline	ND		9.90	0.941	ug/L		12/06/25 15:15	12/09/25 11:22	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		12/06/25 15:15	12/09/25 11:22	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		12/06/25 15:15	12/09/25 11:22	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		12/06/25 15:15	12/09/25 11:22	1
4-Chloroaniline	ND		9.90	0.574	ug/L		12/06/25 15:15	12/09/25 11:22	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		12/06/25 15:15	12/09/25 11:22	1
4-Nitroaniline	ND		9.90	3.47	ug/L		12/06/25 15:15	12/09/25 11:22	1
4-Nitrophenol	ND		9.90	2.71	ug/L		12/06/25 15:15	12/09/25 11:22	1
Acenaphthene	ND		9.90	0.624	ug/L		12/06/25 15:15	12/09/25 11:22	1
Acenaphthylene	ND		9.90	0.752	ug/L		12/06/25 15:15	12/09/25 11:22	1
Acetophenone	ND		9.90	3.17	ug/L		12/06/25 15:15	12/09/25 11:22	1
Anthracene	ND		9.90	0.901	ug/L		12/06/25 15:15	12/09/25 11:22	1
Atrazine	ND		9.90	1.12	ug/L		12/06/25 15:15	12/09/25 11:22	1
Benzaldehyde	ND		9.90	0.663	ug/L		12/06/25 15:15	12/09/25 11:22	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		12/06/25 15:15	12/09/25 11:22	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		12/06/25 15:15	12/09/25 11:22	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		12/06/25 15:15	12/09/25 11:22	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		12/06/25 15:15	12/09/25 11:22	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		12/06/25 15:15	12/09/25 11:22	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		12/06/25 15:15	12/09/25 11:22	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		12/06/25 15:15	12/09/25 11:22	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		12/06/25 15:15	12/09/25 11:22	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 11:22	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 11:22	1
Caprolactam	ND		9.90	2.38	ug/L		12/06/25 15:15	12/09/25 11:22	1
Carbazole	ND		9.90	0.317	ug/L		12/06/25 15:15	12/09/25 11:22	1
Chrysene	ND		9.90	1.19	ug/L		12/06/25 15:15	12/09/25 11:22	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		12/06/25 15:15	12/09/25 11:22	1
Dibenzofuran	ND		9.90	0.634	ug/L		12/06/25 15:15	12/09/25 11:22	1
Diethyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 11:22	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 11:22	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		12/06/25 15:15	12/09/25 11:22	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		12/06/25 15:15	12/09/25 11:22	1
Fluoranthene	ND		9.90	0.624	ug/L		12/06/25 15:15	12/09/25 11:22	1
Fluorene	ND		9.90	0.663	ug/L		12/06/25 15:15	12/09/25 11:22	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		12/06/25 15:15	12/09/25 11:22	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		12/06/25 15:15	12/09/25 11:22	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		12/06/25 15:15	12/09/25 11:22	1
Hexachloroethane	ND		9.90	0.525	ug/L		12/06/25 15:15	12/09/25 11:22	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		12/06/25 15:15	12/09/25 11:22	1
Isophorone	ND		9.90	0.792	ug/L		12/06/25 15:15	12/09/25 11:22	1
Naphthalene	ND		9.90	0.743	ug/L		12/06/25 15:15	12/09/25 11:22	1
Nitrobenzene	ND		9.90	0.594	ug/L		12/06/25 15:15	12/09/25 11:22	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		12/06/25 15:15	12/09/25 11:22	1

Client Sample ID: 120325-Dup-1

Date Collected: 12/03/25 00:00
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		12/06/25 15:15	12/09/25 11:22	1
Pentachlorophenol	ND		9.90	2.77	ug/L		12/06/25 15:15	12/09/25 11:22	1
Phenanthrene	ND		9.90	0.733	ug/L		12/06/25 15:15	12/09/25 11:22	1
Phenol	ND		9.90	0.673	ug/L		12/06/25 15:15	12/09/25 11:22	1
Pyrene	ND		9.90	0.624	ug/L		12/06/25 15:15	12/09/25 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 150*	*12/06/25 15:15*	*12/09/25 11:22*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*12/06/25 15:15*	*12/09/25 11:22*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*12/06/25 15:15*	*12/09/25 11:22*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*12/06/25 15:15*	*12/09/25 11:22*	*1*
Phenol-d5 (Surr)	*68*		*10 - 150*	*12/06/25 15:15*	*12/09/25 11:22*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*12/06/25 15:15*	*12/09/25 11:22*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 14:16	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 14:16	1
Barium	**324**		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 14:16	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 14:16	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 14:16	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 14:16	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 14:16	1
Copper	**0.668**	**J**	2.00	0.642	ug/L		12/08/25 10:35	12/09/25 14:16	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 14:16	1
Manganese	**20.0**		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 14:16	1
Nickel	**20.6**		5.00	0.422	ug/L		12/08/25 10:35	12/09/25 14:16	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 14:16	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 14:16	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 14:16	1
Vanadium	**1.78**	**J**	5.00	1.22	ug/L		12/08/25 10:35	12/09/25 14:16	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 14:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/09/25 14:17	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/04/25 17:00	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.335**		0.100	0.0100	mg/L			12/11/25 11:36	1
Nitrate as N (SM Nitrate by calc)	**0.335**		0.100	0.0100	mg/L			12/11/25 16:15	1
Sulfate (SM 4500 SO4 E)	**57.0**		10.0	2.80	mg/L			12/06/25 13:36	2

Client Sample ID: Trip Blank

Date Collected: 12/03/25 00:00
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 14:32	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 14:32	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 14:32	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 14:32	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 14:32	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 14:32	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 14:32	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 14:32	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 14:32	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 14:32	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 14:32	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 14:32	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 14:32	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 14:32	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 14:32	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 14:32	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 14:32	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 14:32	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 14:32	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 14:32	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 14:32	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 14:32	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 14:32	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 14:32	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 14:32	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 14:32	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 14:32	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 14:32	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 14:32	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 14:32	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 14:32	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 14:32	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 14:32	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 14:32	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 14:32	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 14:32	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 14:32	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 14:32	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 14:32	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 14:32	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 14:32	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 14:32	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: Trip Blank

Date Collected: 12/03/25 00:00
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 14:32	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 14:32	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 14:32	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 14:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 14:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 14:32	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 14:32	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 14:32	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 14:32	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 14:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 14:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 14:32	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 14:32	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 14:32	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 14:32	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 14:32	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 14:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 14:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 14:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 14:32	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 14:32	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 14:32	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/09/25 14:32*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*12/09/25 14:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*12/09/25 14:32*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*12/09/25 14:32*	*1*

Surrogate Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-39890-1	A-MW-1	100	102	104	97
752-39890-1 MS	A-MW-1	98	101	106	98
752-39890-1 MSD	A-MW-1	103	101	104	98
752-39890-2	A-MW-2	99	99	108	100
752-39890-3	A-MW-3	102	102	110	101
752-39890-4	A-MW-4	102	101	106	101
752-39890-5	A-MW-6	99	101	106	99
752-39890-6	A-MW-7	100	102	105	100
752-39890-7	A-MW-8	99	103	104	99
752-39890-8	A-MW-9	99	102	104	100
752-39890-9	MW-1	99	102	107	99
752-39890-10	MW-4	100	102	105	99
752-39890-11	MW-5	101	100	106	99
752-39890-12	MW-6	99	101	105	98
752-39890-13	MW-7	102	99	106	102
752-39890-14	120325-Dup-1	99	104	108	99
752-39890-15	Trip Blank	99	100	105	97
LCS 400-733131/1003	Lab Control Sample	101	101	101	101
MB 400-733131/5	Method Blank	100	102	107	100

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-39890-1	A-MW-1	76	78	63	87	62	58
752-39890-2	A-MW-2	67	73	67	81	67	58
752-39890-3	A-MW-3	68	76	72	85	72	61
752-39890-4	A-MW-4	72	77	71	84	71	84
752-39890-5	A-MW-6	70	73	69	82	70	60
752-39890-6	A-MW-7	68	78	66	82	65	56
752-39890-7	A-MW-8	69	81	65	79	63	54
752-39890-8	A-MW-9	69	76	70	80	71	56
752-39890-9	MW-1	70	76	67	82	66	71
752-39890-10	MW-4	68	75	63	79	62	57
752-39890-11	MW-5	72	79	68	81	70	69
752-39890-12	MW-6	76	80	77	89	74	65
752-39890-13	MW-7	71	79	72	78	71	80
752-39890-14	120325-Dup-1	70	75	69	74	68	54
LCS 400-732908/2-A	Lab Control Sample	80	74	71	79	80	78
LCSD 400-732908/3-A	Lab Control Sample Dup	82	74	79	87	89	85
MB 400-732908/1-A	Method Blank	67	69	69	77	73	84

Surrogate Legend

Surrogate Summary

Client: S&ME Inc
Job ID: 752-39890-1
Project/Site: Lyon Park

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

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-140)						
752-39890-1	A-MW-1	17						
752-39890-2	A-MW-2	22						
752-39890-3	A-MW-3	20						
752-39890-4	A-MW-4	22						
752-39890-5	A-MW-6	22						
752-39890-6	A-MW-7	30						
752-39890-7	A-MW-8	30						
752-39890-8	A-MW-9	31						
752-39890-9	MW-1	29						
752-39890-10	MW-4	26						
752-39890-11	MW-5	26						
752-39890-12	MW-6	22						
752-39890-13	MW-7	22						
752-39890-14	120325-Dup-1	24						
LCS 400-732978/2-A	Lab Control Sample	22						
LCSD 400-732978/3-A	Lab Control Sample Dup	23						
MB 400-732978/1-A	Method Blank	16						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-733131/5
Matrix: Water
Analysis Batch: 733131

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/09/25 11:26	1
Benzene	ND		1.00	0.500	ug/L			12/09/25 11:26	1
Bromobenzene	ND		1.00	0.540	ug/L			12/09/25 11:26	1
Bromoform	ND		5.00	0.250	ug/L			12/09/25 11:26	1
Bromomethane	ND		1.00	0.980	ug/L			12/09/25 11:26	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/09/25 11:26	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/09/25 11:26	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/09/25 11:26	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/09/25 11:26	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/09/25 11:26	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/09/25 11:26	1
Chloroethane	ND		1.00	0.760	ug/L			12/09/25 11:26	1
Chloroform	ND		1.00	0.900	ug/L			12/09/25 11:26	1
Chloromethane	ND		1.00	0.840	ug/L			12/09/25 11:26	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/09/25 11:26	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/09/25 11:26	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/09/25 11:26	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/09/25 11:26	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/09/25 11:26	1
Dibromomethane	ND		5.00	0.220	ug/L			12/09/25 11:26	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/09/25 11:26	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/09/25 11:26	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/09/25 11:26	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/09/25 11:26	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/09/25 11:26	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/09/25 11:26	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/09/25 11:26	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/09/25 11:26	1
Hexane	ND		1.00	0.960	ug/L			12/09/25 11:26	1
2-Hexanone	ND		25.0	9.10	ug/L			12/09/25 11:26	1
Iodomethane	ND		1.00	0.900	ug/L			12/09/25 11:26	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/09/25 11:26	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/09/25 11:26	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/09/25 11:26	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/09/25 11:26	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/09/25 11:26	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/09/25 11:26	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/09/25 11:26	1
Naphthalene	ND		5.00	3.00	ug/L			12/09/25 11:26	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/09/25 11:26	1
n-Heptane	ND		1.00	0.690	ug/L			12/09/25 11:26	1

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

Lab Sample ID: MB 400-733131/5
Matrix: Water
Analysis Batch: 733131

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			12/09/25 11:26	1
o-Xylene	ND		5.00	3.00	ug/L			12/09/25 11:26	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/09/25 11:26	1
Styrene	ND		1.00	1.00	ug/L			12/09/25 11:26	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/09/25 11:26	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/09/25 11:26	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/09/25 11:26	1
Toluene	ND		1.00	0.900	ug/L			12/09/25 11:26	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/09/25 11:26	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/09/25 11:26	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/09/25 11:26	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/09/25 11:26	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/09/25 11:26	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/09/25 11:26	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/09/25 11:26	1
Trichloroethene	ND		1.00	0.480	ug/L			12/09/25 11:26	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/09/25 11:26	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/09/25 11:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/09/25 11:26	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/09/25 11:26	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/09/25 11:26	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/09/25 11:26	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/09/25 11:26	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/09/25 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/09/25 11:26*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/09/25 11:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*12/09/25 11:26*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/09/25 11:26*	*1*

Lab Sample ID: LCS 400-733131/1003
Matrix: Water
Analysis Batch: 733131

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	153.5		ug/L		77	43 - 150
Benzene	50.0	45.68		ug/L		91	70 - 130
Bromobenzene	50.0	50.34		ug/L		101	70 - 132
Bromoform	50.0	43.92		ug/L		88	57 - 140
Bromomethane	50.0	36.49		ug/L		73	10 - 150
2-Butanone (MEK)	200	145.1		ug/L		73	61 - 145
Carbon disulfide	50.0	40.95		ug/L		82	61 - 137
Carbon tetrachloride	50.0	43.63		ug/L		87	61 - 137
Chlorobenzene	50.0	47.36		ug/L		95	70 - 130
Chlorobromomethane	50.0	45.17		ug/L		90	70 - 130
Chlorodibromomethane	50.0	45.20		ug/L		90	67 - 135

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

Lab Sample ID: LCS 400-733131/1003
Matrix: Water
Analysis Batch: 733131

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	40.62		ug/L		81	55 - 141
Chloroform	50.0	45.23		ug/L		90	69 - 130
Chloromethane	50.0	39.41		ug/L		79	58 - 137
2-Chlorotoluene	50.0	52.00		ug/L		104	70 - 130
4-Chlorotoluene	50.0	50.33		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	56.19		ug/L		112	68 - 130
cis-1,3-Dichloropropene	50.0	47.33		ug/L		95	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	39.35		ug/L		79	54 - 135
Dibromomethane	50.0	44.10		ug/L		88	70 - 130
1,2-Dichlorobenzene	50.0	50.42		ug/L		101	67 - 130
1,3-Dichlorobenzene	50.0	51.39		ug/L		103	70 - 130
1,4-Dichlorobenzene	50.0	50.96		ug/L		102	70 - 130
Dichlorobromomethane	50.0	45.71		ug/L		91	67 - 133
1,1-Dichloroethane	50.0	46.87		ug/L		94	70 - 130
1,2-Dichloroethane	50.0	45.27		ug/L		91	69 - 130
1,1-Dichloroethene	50.0	46.38		ug/L		93	63 - 134
1,2-Dichloropropane	50.0	46.99		ug/L		94	70 - 130
1,3-Dichloropropane	50.0	45.53		ug/L		91	70 - 130
2,2-Dichloropropane	50.0	44.75		ug/L		89	52 - 135
1,1-Dichloropropene	50.0	46.00		ug/L		92	70 - 130
Ethyl acetate	100	79.08		ug/L		79	34 - 150
Ethylbenzene	50.0	47.87		ug/L		96	70 - 130
Ethylene Dibromide	50.0	43.93		ug/L		88	70 - 130
Hexachlorobutadiene	50.0	52.79		ug/L		106	53 - 140
Hexane	50.0	41.09		ug/L		82	69 - 130
2-Hexanone	200	160.1		ug/L		80	65 - 137
Iodomethane	50.0	45.21		ug/L		90	27 - 150
Isopropylbenzene	50.0	48.22		ug/L		96	70 - 130
Isopropyl ether	50.0	59.26		ug/L		119	64 - 132
4-Isopropyltoluene	50.0	51.66		ug/L		103	65 - 130
Methylene Chloride	50.0	44.04		ug/L		88	66 - 135
4-Methyl-2-pentanone (MIBK)	200	164.1		ug/L		82	69 - 138
Methyl tert-butyl ether	50.0	46.93		ug/L		94	66 - 130
m-Xylene & p-Xylene	50.0	47.84		ug/L		96	70 - 130
Naphthalene	50.0	45.54		ug/L		91	47 - 149
n-Butylbenzene	50.0	53.64		ug/L		107	67 - 130
n-Heptane	50.0	41.89		ug/L		84	70 - 130
N-Propylbenzene	50.0	51.83		ug/L		104	70 - 130
o-Xylene	50.0	48.52		ug/L		97	70 - 130
sec-Butylbenzene	50.0	51.25		ug/L		103	66 - 130
Styrene	50.0	47.37		ug/L		95	70 - 130
tert-Butylbenzene	50.0	50.69		ug/L		101	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.16		ug/L		92	67 - 131
1,1,2,2-Tetrachloroethane	50.0	43.94		ug/L		88	70 - 131
Tetrachloroethene	50.0	45.21		ug/L		90	65 - 130
Toluene	50.0	46.40		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.30		ug/L		85	57 - 140
trans-1,2-Dichloroethene	50.0	46.22		ug/L		92	70 - 130
trans-1,3-Dichloropropene	50.0	46.60		ug/L		93	63 - 130

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

Lab Sample ID: LCS 400-733131/1003
Matrix: Water
Analysis Batch: 733131

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	51.37		ug/L		103	60 - 138
1,2,4-Trichlorobenzene	50.0	52.48		ug/L		105	60 - 140
1,1,1-Trichloroethane	50.0	45.42		ug/L		91	68 - 130
1,1,2-Trichloroethane	50.0	44.86		ug/L		90	70 - 130
Trichloroethene	50.0	45.47		ug/L		91	70 - 130
Trichlorofluoromethane	50.0	44.12		ug/L		88	65 - 138
1,2,3-Trichloropropane	50.0	42.59		ug/L		85	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.56		ug/L		95	60 - 139
1,2,4-Trimethylbenzene	50.0	51.12		ug/L		102	70 - 130
1,3,5-Trimethylbenzene	50.0	50.93		ug/L		102	69 - 130
Vinyl acetate	100	88.78		ug/L		89	26 - 150
Vinyl chloride	50.0	43.38		ug/L		87	59 - 136
Xylenes, Total	100	96.36		ug/L		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*
Toluene-d8 (Surr)	*101*		*64 - 132*

Lab Sample ID: 752-39890-1 MS
Matrix: Water
Analysis Batch: 733131

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		200	99.51		ug/L		50	43 - 150
Benzene	ND		50.0	57.52		ug/L		115	56 - 142
Bromobenzene	ND		50.0	55.14		ug/L		110	59 - 136
Bromoform	ND		50.0	50.57		ug/L		101	50 - 140
Bromomethane	ND		50.0	41.24		ug/L		82	10 - 150
2-Butanone (MEK)	ND		200	140.0		ug/L		70	55 - 150
Carbon disulfide	ND		50.0	49.32		ug/L		99	48 - 150
Carbon tetrachloride	ND		50.0	52.32		ug/L		105	55 - 145
Chlorobenzene	ND		50.0	57.06		ug/L		114	64 - 130
Chlorobromomethane	ND		50.0	56.53		ug/L		113	64 - 140
Chlorodibromomethane	ND		50.0	54.51		ug/L		109	56 - 143
Chloroethane	ND		50.0	44.01		ug/L		88	50 - 150
Chloroform	ND		50.0	57.73		ug/L		115	60 - 141
Chloromethane	ND		50.0	51.06		ug/L		102	49 - 148
2-Chlorotoluene	ND		50.0	56.46		ug/L		113	53 - 134
4-Chlorotoluene	ND		50.0	57.77		ug/L		116	54 - 133
cis-1,2-Dichloroethene	ND	F1	50.0	74.15	F1	ug/L		148	59 - 143
cis-1,3-Dichloropropene	ND		50.0	60.11		ug/L		120	57 - 140
1,2-Dibromo-3-Chloropropane	ND		50.0	51.44		ug/L		103	45 - 135
Dibromomethane	ND		50.0	56.51		ug/L		113	63 - 138
1,2-Dichlorobenzene	ND		50.0	56.23		ug/L		112	52 - 137
1,3-Dichlorobenzene	ND		50.0	56.63		ug/L		113	54 - 135
1,4-Dichlorobenzene	ND		50.0	55.58		ug/L		111	53 - 135

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

Lab Sample ID: 752-39890-1 MS
Matrix: Water
Analysis Batch: 733131

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	ND		50.0	58.19		ug/L		116	59 - 143
1,1-Dichloroethane	ND		50.0	59.76		ug/L		120	61 - 144
1,2-Dichloroethane	ND		50.0	59.35		ug/L		119	60 - 141
1,1-Dichloroethene	ND		50.0	54.85		ug/L		110	54 - 147
1,2-Dichloropropane	ND		50.0	60.80		ug/L		122	66 - 137
1,3-Dichloropropane	ND		50.0	56.22		ug/L		112	66 - 133
2,2-Dichloropropane	ND		50.0	56.31		ug/L		113	42 - 144
1,1-Dichloropropene	ND		50.0	56.86		ug/L		114	65 - 136
Ethyl acetate	ND		100	108.6		ug/L		109	34 - 150
Ethylbenzene	ND		50.0	57.52		ug/L		115	58 - 131
Ethylene Dibromide	ND		50.0	55.92		ug/L		112	64 - 132
Hexachlorobutadiene	ND		50.0	58.68		ug/L		117	31 - 149
Hexane	ND		50.0	51.68		ug/L		103	60 - 142
2-Hexanone	ND		200	169.3		ug/L		85	65 - 140
Iodomethane	ND		50.0	53.32		ug/L		107	20 - 150
Isopropylbenzene	ND		50.0	57.43		ug/L		115	56 - 133
Isopropyl ether	ND		50.0	60.27		ug/L		121	60 - 144
4-Isopropyltoluene	ND		50.0	56.97		ug/L		114	48 - 139
Methylene Chloride	ND		50.0	52.94		ug/L		106	60 - 146
4-Methyl-2-pentanone (MIBK)	ND		200	233.9		ug/L		117	63 - 146
Methyl tert-butyl ether	ND		50.0	57.66		ug/L		115	59 - 137
m-Xylene & p-Xylene	ND		50.0	57.87		ug/L		116	57 - 130
Naphthalene	ND		50.0	53.86		ug/L		108	25 - 150
n-Butylbenzene	ND		50.0	58.99		ug/L		118	41 - 142
n-Heptane	ND		50.0	55.38		ug/L		111	64 - 142
N-Propylbenzene	ND		50.0	56.16		ug/L		112	51 - 138
o-Xylene	ND		50.0	58.41		ug/L		117	61 - 130
sec-Butylbenzene	ND		50.0	56.71		ug/L		113	50 - 138
Styrene	ND		50.0	57.20		ug/L		114	58 - 131
tert-Butylbenzene	ND		50.0	56.90		ug/L		114	54 - 146
1,1,1,2-Tetrachloroethane	ND		50.0	54.68		ug/L		109	59 - 137
1,1,2,2-Tetrachloroethane	ND		50.0	54.47		ug/L		109	66 - 135
Tetrachloroethene	ND		50.0	52.03		ug/L		104	52 - 133
Toluene	ND		50.0	55.57		ug/L		111	65 - 130
trans-1,4-Dichloro-2-butene	ND		50.0	57.02		ug/L		114	43 - 147
trans-1,2-Dichloroethene	ND		50.0	55.36		ug/L		111	61 - 143
trans-1,3-Dichloropropene	ND		50.0	56.39		ug/L		113	53 - 133
1,2,3-Trichlorobenzene	ND		50.0	56.13		ug/L		112	43 - 145
1,2,4-Trichlorobenzene	ND		50.0	56.87		ug/L		114	39 - 148
1,1,1-Trichloroethane	ND		50.0	56.42		ug/L		113	57 - 142
1,1,2-Trichloroethane	ND		50.0	55.48		ug/L		111	66 - 131
Trichloroethene	ND		50.0	55.71		ug/L		111	64 - 136
Trichlorofluoromethane	ND		50.0	53.29		ug/L		107	54 - 150
1,2,3-Trichloropropane	ND		50.0	53.56		ug/L		107	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	53.06		ug/L		106	55 - 150
1,2,4-Trimethylbenzene	ND		50.0	57.09		ug/L		114	50 - 139
1,3,5-Trimethylbenzene	ND		50.0	56.95		ug/L		114	52 - 135
Vinyl acetate	ND		100	126.4		ug/L		126	26 - 150

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

Lab Sample ID: 752-39890-1 MS
Matrix: Water
Analysis Batch: 733131

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	ND		50.0	54.02		ug/L		108	46 - 150
Xylenes, Total	ND		100	116.3		ug/L		116	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*
Toluene-d8 (Surr)	*98*		*64 - 132*

Lab Sample ID: 752-39890-1 MSD
Matrix: Water
Analysis Batch: 733131

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		200	89.21		ug/L		45	43 - 150	11	30
Benzene	ND		50.0	51.44		ug/L		103	56 - 142	11	30
Bromobenzene	ND		50.0	53.92		ug/L		108	59 - 136	2	30
Bromoform	ND		50.0	48.91		ug/L		98	50 - 140	3	30
Bromomethane	ND		50.0	37.76		ug/L		76	10 - 150	9	50
2-Butanone (MEK)	ND		200	126.2		ug/L		63	55 - 150	10	30
Carbon disulfide	ND		50.0	43.60		ug/L		87	48 - 150	12	30
Carbon tetrachloride	ND		50.0	47.10		ug/L		94	55 - 145	10	30
Chlorobenzene	ND		50.0	52.03		ug/L		104	64 - 130	9	30
Chlorobromomethane	ND		50.0	50.45		ug/L		101	64 - 140	11	30
Chlorodibromomethane	ND		50.0	49.96		ug/L		100	56 - 143	9	30
Chloroethane	ND		50.0	41.83		ug/L		84	50 - 150	5	30
Chloroform	ND		50.0	51.09		ug/L		102	60 - 141	12	30
Chloromethane	ND		50.0	42.51		ug/L		85	49 - 148	18	31
2-Chlorotoluene	ND		50.0	55.27		ug/L		111	53 - 134	2	30
4-Chlorotoluene	ND		50.0	54.81		ug/L		110	54 - 133	5	30
cis-1,2-Dichloroethene	ND	F1	50.0	66.10		ug/L		132	59 - 143	11	30
cis-1,3-Dichloropropene	ND		50.0	53.79		ug/L		108	57 - 140	11	30
1,2-Dibromo-3-Chloropropane	ND		50.0	50.66		ug/L		101	45 - 135	2	30
Dibromomethane	ND		50.0	50.94		ug/L		102	63 - 138	10	30
1,2-Dichlorobenzene	ND		50.0	54.33		ug/L		109	52 - 137	3	30
1,3-Dichlorobenzene	ND		50.0	55.06		ug/L		110	54 - 135	3	30
1,4-Dichlorobenzene	ND		50.0	54.16		ug/L		108	53 - 135	3	30
Dichlorobromomethane	ND		50.0	51.82		ug/L		104	59 - 143	12	30
1,1-Dichloroethane	ND		50.0	52.64		ug/L		105	61 - 144	13	30
1,2-Dichloroethane	ND		50.0	54.34		ug/L		109	60 - 141	9	30
1,1-Dichloroethene	ND		50.0	49.22		ug/L		98	54 - 147	11	30
1,2-Dichloropropane	ND		50.0	53.60		ug/L		107	66 - 137	13	30
1,3-Dichloropropane	ND		50.0	52.52		ug/L		105	66 - 133	7	30
2,2-Dichloropropane	ND		50.0	49.33		ug/L		99	42 - 144	13	31
1,1-Dichloropropene	ND		50.0	50.75		ug/L		101	65 - 136	11	30
Ethyl acetate	ND		100	95.97		ug/L		96	34 - 150	12	30
Ethylbenzene	ND		50.0	52.79		ug/L		106	58 - 131	9	30
Ethylene Dibromide	ND		50.0	50.83		ug/L		102	64 - 132	10	30

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

Lab Sample ID: 752-39890-1 MSD
Matrix: Water
Analysis Batch: 733131

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		50.0	56.07		ug/L		112	31 - 149	5	36
Hexane	ND		50.0	44.39		ug/L		89	60 - 142	15	30
2-Hexanone	ND		200	163.9		ug/L		82	65 - 140	3	30
Iodomethane	ND		50.0	48.54		ug/L		97	20 - 150	9	44
Isopropylbenzene	ND		50.0	52.30		ug/L		105	56 - 133	9	30
Isopropyl ether	ND		50.0	59.46		ug/L		119	60 - 144	1	30
4-Isopropyltoluene	ND		50.0	54.67		ug/L		109	48 - 139	4	30
Methylene Chloride	ND		50.0	48.55		ug/L		97	60 - 146	9	32
4-Methyl-2-pentanone (MIBK)	ND		200	221.6		ug/L		111	63 - 146	5	30
Methyl tert-butyl ether	ND		50.0	52.12		ug/L		104	59 - 137	10	30
m-Xylene & p-Xylene	ND		50.0	52.99		ug/L		106	57 - 130	9	30
Naphthalene	ND		50.0	53.59		ug/L		107	25 - 150	1	30
n-Butylbenzene	ND		50.0	56.57		ug/L		113	41 - 142	4	31
n-Heptane	ND		50.0	48.36		ug/L		97	64 - 142	14	30
N-Propylbenzene	ND		50.0	55.66		ug/L		111	51 - 138	1	30
o-Xylene	ND		50.0	53.47		ug/L		107	61 - 130	9	30
sec-Butylbenzene	ND		50.0	54.83		ug/L		110	50 - 138	3	30
Styrene	ND		50.0	51.48		ug/L		103	58 - 131	11	30
tert-Butylbenzene	ND		50.0	54.24		ug/L		108	54 - 146	5	30
1,1,1,2-Tetrachloroethane	ND		50.0	50.71		ug/L		101	59 - 137	8	30
1,1,2,2-Tetrachloroethane	ND		50.0	52.91		ug/L		106	66 - 135	3	30
Tetrachloroethene	ND		50.0	47.08		ug/L		94	52 - 133	10	30
Toluene	ND		50.0	49.50		ug/L		99	65 - 130	12	30
trans-1,4-Dichloro-2-butene	ND		50.0	54.83		ug/L		110	43 - 147	4	36
trans-1,2-Dichloroethene	ND		50.0	50.29		ug/L		101	61 - 143	10	30
trans-1,3-Dichloropropene	ND		50.0	50.32		ug/L		101	53 - 133	11	30
1,2,3-Trichlorobenzene	ND		50.0	55.40		ug/L		111	43 - 145	1	30
1,2,4-Trichlorobenzene	ND		50.0	55.96		ug/L		112	39 - 148	2	30
1,1,1-Trichloroethane	ND		50.0	49.48		ug/L		99	57 - 142	13	30
1,1,2-Trichloroethane	ND		50.0	51.34		ug/L		103	66 - 131	8	30
Trichloroethene	ND		50.0	50.28		ug/L		101	64 - 136	10	30
Trichlorofluoromethane	ND		50.0	46.62		ug/L		93	54 - 150	13	30
1,2,3-Trichloropropane	ND		50.0	52.86		ug/L		106	65 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	48.54		ug/L		97	55 - 150	9	30
1,2,4-Trimethylbenzene	ND		50.0	54.37		ug/L		109	50 - 139	5	30
1,3,5-Trimethylbenzene	ND		50.0	55.21		ug/L		110	52 - 135	3	30
Vinyl acetate	ND		100	109.0		ug/L		109	26 - 150	15	33
Vinyl chloride	ND		50.0	46.16		ug/L		92	46 - 150	16	30
Xylenes, Total	ND		100	106.5		ug/L		106	59 - 130	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*
Toluene-d8 (Surr)	*98*		*64 - 132*

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

Lab Sample ID: MB 400-732908/1-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732908

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/06/25 15:15	12/09/25 02:42	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/06/25 15:15	12/09/25 02:42	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/06/25 15:15	12/09/25 02:42	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/06/25 15:15	12/09/25 02:42	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/06/25 15:15	12/09/25 02:42	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/06/25 15:15	12/09/25 02:42	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/06/25 15:15	12/09/25 02:42	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/06/25 15:15	12/09/25 02:42	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/06/25 15:15	12/09/25 02:42	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/06/25 15:15	12/09/25 02:42	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/06/25 15:15	12/09/25 02:42	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/06/25 15:15	12/09/25 02:42	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/06/25 15:15	12/09/25 02:42	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/06/25 15:15	12/09/25 02:42	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/06/25 15:15	12/09/25 02:42	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/06/25 15:15	12/09/25 02:42	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/06/25 15:15	12/09/25 02:42	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/06/25 15:15	12/09/25 02:42	1
Acenaphthene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 02:42	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/06/25 15:15	12/09/25 02:42	1
Acetophenone	ND		10.0	3.20	ug/L		12/06/25 15:15	12/09/25 02:42	1
Anthracene	ND		10.0	0.910	ug/L		12/06/25 15:15	12/09/25 02:42	1
Atrazine	ND		10.0	1.13	ug/L		12/06/25 15:15	12/09/25 02:42	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/06/25 15:15	12/09/25 02:42	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/06/25 15:15	12/09/25 02:42	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 02:42	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 02:42	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/06/25 15:15	12/09/25 02:42	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/06/25 15:15	12/09/25 02:42	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/06/25 15:15	12/09/25 02:42	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/06/25 15:15	12/09/25 02:42	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/06/25 15:15	12/09/25 02:42	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 02:42	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 02:42	1
Caprolactam	ND		10.0	2.40	ug/L		12/06/25 15:15	12/09/25 02:42	1
Carbazole	ND		10.0	0.320	ug/L		12/06/25 15:15	12/09/25 02:42	1
Chrysene	ND		10.0	1.20	ug/L		12/06/25 15:15	12/09/25 02:42	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/06/25 15:15	12/09/25 02:42	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/06/25 15:15	12/09/25 02:42	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 02:42	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 02:42	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/06/25 15:15	12/09/25 02:42	1

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

Lab Sample ID: MB 400-732908/1-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732908

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/06/25 15:15	12/09/25 02:42	1
Fluoranthene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 02:42	1
Fluorene	ND		10.0	0.670	ug/L		12/06/25 15:15	12/09/25 02:42	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/06/25 15:15	12/09/25 02:42	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/06/25 15:15	12/09/25 02:42	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/06/25 15:15	12/09/25 02:42	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/06/25 15:15	12/09/25 02:42	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/06/25 15:15	12/09/25 02:42	1
Isophorone	ND		10.0	0.800	ug/L		12/06/25 15:15	12/09/25 02:42	1
Naphthalene	ND		10.0	0.750	ug/L		12/06/25 15:15	12/09/25 02:42	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/06/25 15:15	12/09/25 02:42	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/06/25 15:15	12/09/25 02:42	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/06/25 15:15	12/09/25 02:42	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/06/25 15:15	12/09/25 02:42	1
Phenanthrene	ND		10.0	0.740	ug/L		12/06/25 15:15	12/09/25 02:42	1
Phenol	ND		10.0	0.680	ug/L		12/06/25 15:15	12/09/25 02:42	1
Pyrene	ND		10.0	0.630	ug/L		12/06/25 15:15	12/09/25 02:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 150*	*12/06/25 15:15*	*12/09/25 02:42*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*12/06/25 15:15*	*12/09/25 02:42*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*12/06/25 15:15*	*12/09/25 02:42*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*12/06/25 15:15*	*12/09/25 02:42*	*1*
Phenol-d5 (Surr)	*73*		*10 - 150*	*12/06/25 15:15*	*12/09/25 02:42*	*1*
Terphenyl-d14 (Surr)	*84*		*28 - 150*	*12/06/25 15:15*	*12/09/25 02:42*	*1*

Lab Sample ID: LCS 400-732908/2-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732908

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	22.07		ug/L		66	27 - 120
2,4,5-Trichlorophenol	33.3	25.53		ug/L		77	27 - 136
2,4,6-Trichlorophenol	33.3	26.35		ug/L		79	21 - 132
2,4-Dichlorophenol	33.3	23.04		ug/L		69	30 - 125
2,4-Dimethylphenol	33.3	19.36		ug/L		58	10 - 142
2,4-Dinitrophenol	66.7	21.41	J	ug/L		32	10 - 150
2,4-Dinitrotoluene	33.3	24.47		ug/L		73	30 - 129
2,6-Dinitrotoluene	33.3	25.47		ug/L		76	34 - 132
2-Chloronaphthalene	33.3	21.66		ug/L		65	10 - 150
2-Chlorophenol	33.3	23.06		ug/L		69	28 - 127
2-Methylnaphthalene	33.3	22.17		ug/L		67	24 - 150
2-Methylphenol	33.3	22.29		ug/L		67	11 - 121
2-Nitroaniline	33.3	26.68		ug/L		80	31 - 141
2-Nitrophenol	33.3	23.63		ug/L		71	31 - 142
3 & 4 Methylphenol	33.3	23.69		ug/L		71	10 - 150
3,3'-Dichlorobenzidine	66.7	31.34		ug/L		47	10 - 150
3-Nitroaniline	33.3	24.23		ug/L		73	33 - 136

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

Lab Sample ID: LCS 400-732908/2-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732908

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	66.7	29.22		ug/L		44	10 - 150
4-Bromophenyl phenyl ether	33.3	22.31		ug/L		67	24 - 120
4-Chloro-3-methylphenol	33.3	23.15		ug/L		69	10 - 137
4-Chloroaniline	33.3	24.64		ug/L		74	10 - 150
4-Chlorophenyl phenyl ether	33.3	24.43		ug/L		73	31 - 110
4-Nitroaniline	33.3	22.13		ug/L		66	37 - 139
4-Nitrophenol	66.7	51.17		ug/L		77	10 - 150
Acenaphthene	33.3	22.23		ug/L		67	29 - 150
Acenaphthylene	33.3	23.16		ug/L		69	30 - 150
Acetophenone	33.3	24.28		ug/L		73	27 - 119
Anthracene	33.3	24.64		ug/L		74	31 - 150
Atrazine	33.3	21.42		ug/L		64	10 - 150
Benzaldehyde	33.3	17.46		ug/L		52	10 - 150
Benzo[a]anthracene	33.3	24.80		ug/L		74	36 - 150
Benzo[a]pyrene	33.3	25.00		ug/L		75	29 - 150
Benzo[b]fluoranthene	33.3	25.45		ug/L		76	32 - 150
Benzo[g,h,i]perylene	33.3	23.62		ug/L		71	28 - 150
Benzo[k]fluoranthene	33.3	25.34		ug/L		76	30 - 150
bis (2-chloroisopropyl) ether	33.3	21.79		ug/L		65	32 - 115
Bis(2-chloroethoxy)methane	33.3	22.90		ug/L		69	34 - 120
Bis(2-chloroethyl)ether	33.3	22.56		ug/L		68	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	25.42		ug/L		76	24 - 133
Butyl benzyl phthalate	33.3	20.93		ug/L		63	24 - 140
Caprolactam	33.3	15.03		ug/L		45	10 - 150
Carbazole	33.3	23.46		ug/L		70	28 - 123
Chrysene	33.3	24.14		ug/L		72	34 - 150
Dibenz(a,h)anthracene	33.3	22.82		ug/L		68	29 - 150
Dibenzofuran	33.3	23.66		ug/L		71	35 - 110
Diethyl phthalate	33.3	17.38		ug/L		52	31 - 118
Dimethyl phthalate	33.3	18.89		ug/L		57	24 - 125
Di-n-butyl phthalate	33.3	19.81		ug/L		59	30 - 127
Di-n-octyl phthalate	33.3	26.05		ug/L		78	28 - 142
Fluoranthene	33.3	24.14		ug/L		72	30 - 150
Fluorene	33.3	22.32		ug/L		67	30 - 150
Hexachlorobenzene	33.3	22.22		ug/L		67	29 - 113
Hexachlorobutadiene	33.3	16.67		ug/L		50	10 - 117
Hexachlorocyclopentadiene	33.3	12.06	J	ug/L		36	10 - 150
Hexachloroethane	33.3	17.55		ug/L		53	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	22.24		ug/L		67	28 - 150
Isophorone	33.3	26.10		ug/L		78	29 - 125
Naphthalene	33.3	20.11		ug/L		60	27 - 150
Nitrobenzene	33.3	24.08		ug/L		72	29 - 129
N-Nitrosodi-n-propylamine	33.3	24.49		ug/L		73	50 - 134
N-Nitrosodiphenylamine	33.1	24.32		ug/L		74	50 - 132
Pentachlorophenol	66.7	41.06		ug/L		62	14 - 150
Phenanthrene	33.3	23.63		ug/L		71	32 - 150
Phenol	33.3	23.58		ug/L		71	10 - 150
Pyrene	33.3	24.00		ug/L		72	30 - 150

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

Lab Sample ID: LCS 400-732908/2-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732908

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	80		10 - 150
2-Fluorobiphenyl (Surr)	74		25 - 139
2-Fluorophenol (Surr)	71		10 - 150
Nitrobenzene-d5 (Surr)	79		22 - 150
Phenol-d5 (Surr)	80		10 - 150
Terphenyl-d14 (Surr)	78		28 - 150

Lab Sample ID: LCSD 400-732908/3-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732908

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	22.55		ug/L		68	27 - 120	2	40
2,4,5-Trichlorophenol			33.3	26.23		ug/L		79	27 - 136	3	40
2,4,6-Trichlorophenol			33.3	26.58		ug/L		80	21 - 132	1	40
2,4-Dichlorophenol			33.3	24.27		ug/L		73	30 - 125	5	40
2,4-Dimethylphenol			33.3	20.71		ug/L		62	10 - 142	7	40
2,4-Dinitrophenol			66.7	21.31	J	ug/L		32	10 - 150	0	40
2,4-Dinitrotoluene			33.3	24.84		ug/L		75	30 - 129	2	40
2,6-Dinitrotoluene			33.3	26.11		ug/L		78	34 - 132	2	40
2-Chloronaphthalene			33.3	22.24		ug/L		67	10 - 150	3	40
2-Chlorophenol			33.3	25.28		ug/L		76	28 - 127	9	40
2-Methylnaphthalene			33.3	23.69		ug/L		71	24 - 150	7	40
2-Methylphenol			33.3	24.61		ug/L		74	11 - 121	10	40
2-Nitroaniline			33.3	27.56		ug/L		83	31 - 141	3	40
2-Nitrophenol			33.3	24.67		ug/L		74	31 - 142	4	40
3 & 4 Methylphenol			33.3	26.15		ug/L		78	10 - 150	10	40
3,3'-Dichlorobenzidine			66.7	32.83		ug/L		49	10 - 150	5	40
3-Nitroaniline			33.3	24.93		ug/L		75	33 - 136	3	40
4,6-Dinitro-2-methylphenol			66.7	30.09		ug/L		45	10 - 150	3	40
4-Bromophenyl phenyl ether			33.3	23.06		ug/L		69	24 - 120	3	40
4-Chloro-3-methylphenol			33.3	24.42		ug/L		73	10 - 137	5	40
4-Chloroaniline			33.3	25.80		ug/L		77	10 - 150	5	40
4-Chlorophenyl phenyl ether			33.3	25.35		ug/L		76	31 - 110	4	40
4-Nitroaniline			33.3	22.95		ug/L		69	37 - 139	4	40
4-Nitrophenol			66.7	53.42		ug/L		80	10 - 150	4	40
Acenaphthene			33.3	22.50		ug/L		68	29 - 150	1	40
Acenaphthylene			33.3	23.40		ug/L		70	30 - 150	1	40
Acetophenone			33.3	26.44		ug/L		79	27 - 119	9	40
Anthracene			33.3	25.30		ug/L		76	31 - 150	3	40
Atrazine			33.3	22.12		ug/L		66	10 - 150	3	40
Benzaldehyde			33.3	19.33		ug/L		58	10 - 150	10	40
Benzo[a]anthracene			33.3	25.97		ug/L		78	36 - 150	5	40
Benzo[a]pyrene			33.3	25.60		ug/L		77	29 - 150	2	40
Benzo[b]fluoranthene			33.3	25.94		ug/L		78	32 - 150	2	40
Benzo[g,h,i]perylene			33.3	24.01		ug/L		72	28 - 150	2	40
Benzo[k]fluoranthene			33.3	25.94		ug/L		78	30 - 150	2	40
bis (2-chloroisopropyl) ether			33.3	23.40		ug/L		70	32 - 115	7	40

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

Lab Sample ID: LCSD 400-732908/3-A
Matrix: Water
Analysis Batch: 733051

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732908

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	33.3	24.12		ug/L		72	34 - 120	5	40
Bis(2-chloroethyl)ether	33.3	24.09		ug/L		72	32 - 114	7	40
Bis(2-ethylhexyl) phthalate	33.3	26.55		ug/L		80	24 - 133	4	40
Butyl benzyl phthalate	33.3	21.22		ug/L		64	24 - 140	1	40
Caprolactam	33.3	15.57		ug/L		47	10 - 150	4	40
Carbazole	33.3	23.84		ug/L		72	28 - 123	2	40
Chrysene	33.3	25.54		ug/L		77	34 - 150	6	40
Dibenz(a,h)anthracene	33.3	23.27		ug/L		70	29 - 150	2	40
Dibenzofuran	33.3	24.20		ug/L		73	35 - 110	2	40
Diethyl phthalate	33.3	17.83		ug/L		53	31 - 118	3	40
Dimethyl phthalate	33.3	18.97		ug/L		57	24 - 125	0	40
Di-n-butyl phthalate	33.3	19.58		ug/L		59	30 - 127	1	40
Di-n-octyl phthalate	33.3	27.20		ug/L		82	28 - 142	4	40
Fluoranthene	33.3	24.57		ug/L		74	30 - 150	2	40
Fluorene	33.3	22.96		ug/L		69	30 - 150	3	40
Hexachlorobenzene	33.3	22.96		ug/L		69	29 - 113	3	40
Hexachlorobutadiene	33.3	18.02		ug/L		54	10 - 117	8	40
Hexachlorocyclopentadiene	33.3	13.06	J	ug/L		39	10 - 150	8	40
Hexachloroethane	33.3	19.40		ug/L		58	10 - 112	10	40
Indeno[1,2,3-cd]pyrene	33.3	22.00		ug/L		66	28 - 150	1	40
Isophorone	33.3	28.13		ug/L		84	29 - 125	8	40
Naphthalene	33.3	21.10		ug/L		63	27 - 150	5	40
Nitrobenzene	33.3	26.38		ug/L		79	29 - 129	9	40
N-Nitrosodi-n-propylamine	33.3	25.98		ug/L		78	50 - 134	6	40
N-Nitrosodiphenylamine	33.1	24.72		ug/L		75	50 - 132	2	40
Pentachlorophenol	66.7	41.61		ug/L		62	14 - 150	1	40
Phenanthrene	33.3	24.46		ug/L		73	32 - 150	3	40
Phenol	33.3	26.17		ug/L		79	10 - 150	10	40
Pyrene	33.3	24.29		ug/L		73	30 - 150	1	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*
2-Fluorophenol (Surr)	*79*		*10 - 150*
Nitrobenzene-d5 (Surr)	*87*		*22 - 150*
Phenol-d5 (Surr)	*89*		*10 - 150*
Terphenyl-d14 (Surr)	*85*		*28 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-732978/1-A
Matrix: Water
Analysis Batch: 733046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/08/25 11:11	12/08/25 16:27	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*16*		*10 - 140*	*12/08/25 11:11*	*12/08/25 16:27*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: LCS 400-732978/2-A
Matrix: Water
Analysis Batch: 733046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732978

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	17.74		ug/L		111	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*22*		*10 - 140*

Lab Sample ID: LCSD 400-732978/3-A
Matrix: Water
Analysis Batch: 733046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 732978

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	18.01		ug/L		113	30 - 150	2	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*23*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-99913/1-A
Matrix: Water
Analysis Batch: 100440

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 99913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/08/25 10:35	12/09/25 12:10	1
Arsenic	ND		5.00	1.32	ug/L		12/08/25 10:35	12/09/25 12:10	1
Barium	ND		10.0	0.410	ug/L		12/08/25 10:35	12/09/25 12:10	1
Beryllium	ND		1.00	0.147	ug/L		12/08/25 10:35	12/09/25 12:10	1
Cadmium	ND		0.700	0.237	ug/L		12/08/25 10:35	12/09/25 12:10	1
Chromium	ND		5.00	3.69	ug/L		12/08/25 10:35	12/09/25 12:10	1
Cobalt	ND		5.00	0.411	ug/L		12/08/25 10:35	12/09/25 12:10	1
Copper	ND		2.00	0.642	ug/L		12/08/25 10:35	12/09/25 12:10	1
Lead	ND		1.00	0.864	ug/L		12/08/25 10:35	12/09/25 12:10	1
Manganese	ND		5.00	1.29	ug/L		12/08/25 10:35	12/09/25 12:10	1
Nickel	ND		5.00	0.422	ug/L		12/08/25 10:35	12/09/25 12:10	1
Selenium	ND		5.00	2.29	ug/L		12/08/25 10:35	12/09/25 12:10	1
Silver	ND		1.00	0.167	ug/L		12/08/25 10:35	12/09/25 12:10	1
Thallium	ND		1.00	0.190	ug/L		12/08/25 10:35	12/09/25 12:10	1
Vanadium	ND		5.00	1.22	ug/L		12/08/25 10:35	12/09/25 12:10	1
Zinc	ND		10.0	8.91	ug/L		12/08/25 10:35	12/09/25 12:10	1

Lab Sample ID: LCS 705-99913/2-A
Matrix: Water
Analysis Batch: 100440

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99913

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	98.65		ug/L		99	80 - 120		
Arsenic			100	98.84		ug/L		99	80 - 120		
Barium			100	95.39		ug/L		95	80 - 120		
Beryllium			100	95.98		ug/L		96	80 - 120		
Cadmium			100	95.67		ug/L		96	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-99913/2-A
Matrix: Water
Analysis Batch: 100440

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 99913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	98.11		ug/L		98	80 - 120
Cobalt	100	97.78		ug/L		98	80 - 120
Copper	100	98.99		ug/L		99	80 - 120
Lead	100	95.36		ug/L		95	80 - 120
Manganese	100	95.34		ug/L		95	80 - 120
Nickel	100	99.07		ug/L		99	80 - 120
Selenium	100	96.75		ug/L		97	80 - 120
Silver	10.0	10.15		ug/L		101	80 - 120
Thallium	100	93.62		ug/L		94	80 - 120
Vanadium	100	97.95		ug/L		98	80 - 120
Zinc	100	93.13		ug/L		93	80 - 120

Lab Sample ID: 752-39890-2 MS
Matrix: Water
Analysis Batch: 100440

Client Sample ID: A-MW-2
Prep Type: Total Recoverable
Prep Batch: 99913

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		100	103.9		ug/L		104	75 - 125
Arsenic	4.88	J	100	107.6		ug/L		103	75 - 125
Barium	442		100	573.0	4	ug/L		131	75 - 125
Beryllium	ND		100	89.03		ug/L		89	75 - 125
Cadmium	ND		100	89.41		ug/L		89	75 - 125
Chromium	ND		100	98.54		ug/L		99	75 - 125
Cobalt	1.10	J	100	98.19		ug/L		97	75 - 125
Copper	ND		100	97.56		ug/L		98	75 - 125
Lead	ND		100	97.91		ug/L		98	75 - 125
Manganese	1310		100	1537	4	ug/L		225	75 - 125
Nickel	2.07	J	100	98.21		ug/L		96	75 - 125
Selenium	ND		100	104.8		ug/L		105	75 - 125
Silver	ND		10.0	10.41		ug/L		104	75 - 125
Thallium	ND		100	99.57		ug/L		100	75 - 125
Vanadium	ND		100	104.7		ug/L		105	75 - 125
Zinc	ND		100	100.7		ug/L		101	75 - 125

Lab Sample ID: 752-39890-2 MSD
Matrix: Water
Analysis Batch: 100440

Client Sample ID: A-MW-2
Prep Type: Total Recoverable
Prep Batch: 99913

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		100	97.59		ug/L		98	75 - 125	6	20
Arsenic	4.88	J	100	99.66		ug/L		95	75 - 125	8	20
Barium	442		100	533.9	4	ug/L		92	75 - 125	7	20
Beryllium	ND		100	90.59		ug/L		91	75 - 125	2	20
Cadmium	ND		100	90.73		ug/L		91	75 - 125	1	20
Chromium	ND		100	91.78		ug/L		92	75 - 125	7	20
Cobalt	1.10	J	100	90.93		ug/L		90	75 - 125	8	20
Copper	ND		100	89.87		ug/L		90	75 - 125	8	20
Lead	ND		100	91.91		ug/L		92	75 - 125	6	20
Manganese	1310		100	1408	4	ug/L		95	75 - 125	9	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-39890-2 MSD — **Client Sample ID: A-MW-2**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 100440 — **Prep Batch: 99913**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	2.07	J	100	91.39		ug/L		89	75 - 125	7	20
Selenium	ND		100	95.17		ug/L		95	75 - 125	10	20
Silver	ND		10.0	9.665		ug/L		97	75 - 125	7	20
Thallium	ND		100	92.68		ug/L		93	75 - 125	7	20
Vanadium	ND		100	96.96		ug/L		97	75 - 125	8	20
Zinc	ND		100	93.79		ug/L		94	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-99923/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 100369 — **Prep Batch: 99923**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/08/25 17:03	12/09/25 13:24	1

Lab Sample ID: LCS 705-99923/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 100369 — **Prep Batch: 99923**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			4.00	4.246		ug/L		106	80 - 120		

Lab Sample ID: 752-39890-1 MS — **Client Sample ID: A-MW-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 100369 — **Prep Batch: 99923**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		4.00	4.266		ug/L		107	75 - 125		

Lab Sample ID: 752-39890-1 MSD — **Client Sample ID: A-MW-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 100369 — **Prep Batch: 99923**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	4.315		ug/L		108	75 - 125	1	20

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887579/32 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 887579

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/09/25 12:41	1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-887579/33
Matrix: Water
Analysis Batch: 887579

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			1.00	1.060		mg/L		106	90 - 110		

Lab Sample ID: 752-39890-1 MS
Matrix: Water
Analysis Batch: 887579

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND		1.00	0.9270		mg/L		93	90 - 110		

Lab Sample ID: 752-39890-1 MSD
Matrix: Water
Analysis Batch: 887579

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	0.9278		mg/L		93	90 - 110	0	30

Lab Sample ID: 752-39890-11 MS
Matrix: Water
Analysis Batch: 887579

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND	F1	1.00	0.8638	F1	mg/L		86	90 - 110		

Lab Sample ID: 752-39890-11 MSD
Matrix: Water
Analysis Batch: 887579

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND	F1	1.00	0.8768	F1	mg/L		88	90 - 110	1	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14314/10
Matrix: Water
Analysis Batch: 14314

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/04/25 15:51	1

Lab Sample ID: MB 752-14314/41
Matrix: Water
Analysis Batch: 14314

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/04/25 17:03	1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: LCS 752-14314/13
Matrix: Water
Analysis Batch: 14314

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	1.024		mg/L		102	90 - 110

Lab Sample ID: LCSD 752-14314/50
Matrix: Water
Analysis Batch: 14314

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
Nitrite as N	1.00	1.027		mg/L		103	90 - 110	1	10

Lab Sample ID: 752-39890-7 MS
Matrix: Water
Analysis Batch: 14314

Client Sample ID: A-MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND	F1	1.00	1.336	F1	mg/L		134	90 - 110

Lab Sample ID: 752-39890-7 MSD
Matrix: Water
Analysis Batch: 14314

Client Sample ID: A-MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND	F1	1.00	1.342	F1	mg/L		134	90 - 110	0	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887590/21
Matrix: Water
Analysis Batch: 887590

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			12/10/25 11:47	1

Lab Sample ID: LCS 680-887590/22
Matrix: Water
Analysis Batch: 887590

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9550		mg/L		96	90 - 110

Lab Sample ID: MB 680-887615/18
Matrix: Water
Analysis Batch: 887615

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			12/11/25 10:03	1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 680-887615/19
Matrix: Water
Analysis Batch: 887615

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9940		mg/L		99	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-732910/12
Matrix: Water
Analysis Batch: 732910

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/06/25 12:48	1

Lab Sample ID: MB 400-732910/62
Matrix: Water
Analysis Batch: 732910

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/06/25 13:22	1

Lab Sample ID: LCS 400-732910/13
Matrix: Water
Analysis Batch: 732910

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.34		mg/L		102	90 - 110

Lab Sample ID: LCS 400-732910/63
Matrix: Water
Analysis Batch: 732910

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.73		mg/L		105	90 - 110

Lab Sample ID: MRL 400-732910/14
Matrix: Water
Analysis Batch: 732910

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	5.115		mg/L		102	50 - 150

Lab Sample ID: 752-39890-1 MS
Matrix: Water
Analysis Batch: 732910

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	70.4		10.0	72.77	4	mg/L		23	77 - 128

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 752-39890-1 MSD
Matrix: Water
Analysis Batch: 732910

Client Sample ID: A-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	70.4		10.0	73.15	4	mg/L		27	77 - 128	1	5

Lab Sample ID: 752-39890-11 MS
Matrix: Water
Analysis Batch: 732910

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.5		10.0	24.54		mg/L		90	77 - 128

Lab Sample ID: 752-39890-11 MSD
Matrix: Water
Analysis Batch: 732910

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	15.5		10.0	25.12		mg/L		96	77 - 128	2	5

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

GC/MS VOA

Analysis Batch: 733131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	8260D	
752-39890-2	A-MW-2	Total/NA	Water	8260D	
752-39890-3	A-MW-3	Total/NA	Water	8260D	
752-39890-4	A-MW-4	Total/NA	Water	8260D	
752-39890-5	A-MW-6	Total/NA	Water	8260D	
752-39890-6	A-MW-7	Total/NA	Water	8260D	
752-39890-7	A-MW-8	Total/NA	Water	8260D	
752-39890-8	A-MW-9	Total/NA	Water	8260D	
752-39890-9	MW-1	Total/NA	Water	8260D	
752-39890-10	MW-4	Total/NA	Water	8260D	
752-39890-11	MW-5	Total/NA	Water	8260D	
752-39890-12	MW-6	Total/NA	Water	8260D	
752-39890-13	MW-7	Total/NA	Water	8260D	
752-39890-14	120325-Dup-1	Total/NA	Water	8260D	
752-39890-15	Trip Blank	Total/NA	Water	8260D	
MB 400-733131/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733131/1003	Lab Control Sample	Total/NA	Water	8260D	
752-39890-1 MS	A-MW-1	Total/NA	Water	8260D	
752-39890-1 MSD	A-MW-1	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 732908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	3511	
752-39890-2	A-MW-2	Total/NA	Water	3511	
752-39890-3	A-MW-3	Total/NA	Water	3511	
752-39890-4	A-MW-4	Total/NA	Water	3511	
752-39890-5	A-MW-6	Total/NA	Water	3511	
752-39890-6	A-MW-7	Total/NA	Water	3511	
752-39890-7	A-MW-8	Total/NA	Water	3511	
752-39890-8	A-MW-9	Total/NA	Water	3511	
752-39890-9	MW-1	Total/NA	Water	3511	
752-39890-10	MW-4	Total/NA	Water	3511	
752-39890-11	MW-5	Total/NA	Water	3511	
752-39890-12	MW-6	Total/NA	Water	3511	
752-39890-13	MW-7	Total/NA	Water	3511	
752-39890-14	120325-Dup-1	Total/NA	Water	3511	
MB 400-732908/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-732908/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-732908/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 732978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	3510C	
752-39890-2	A-MW-2	Total/NA	Water	3510C	
752-39890-3	A-MW-3	Total/NA	Water	3510C	
752-39890-4	A-MW-4	Total/NA	Water	3510C	
752-39890-5	A-MW-6	Total/NA	Water	3510C	
752-39890-6	A-MW-7	Total/NA	Water	3510C	
752-39890-7	A-MW-8	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 732978 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-8	A-MW-9	Total/NA	Water	3510C	
752-39890-9	MW-1	Total/NA	Water	3510C	
752-39890-10	MW-4	Total/NA	Water	3510C	
752-39890-11	MW-5	Total/NA	Water	3510C	
752-39890-12	MW-6	Total/NA	Water	3510C	
752-39890-13	MW-7	Total/NA	Water	3510C	
752-39890-14	120325-Dup-1	Total/NA	Water	3510C	
MB 400-732978/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-732978/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-732978/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 733046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	8270E SIM ID	732978
752-39890-2	A-MW-2	Total/NA	Water	8270E SIM ID	732978
752-39890-3	A-MW-3	Total/NA	Water	8270E SIM ID	732978
752-39890-4	A-MW-4	Total/NA	Water	8270E SIM ID	732978
752-39890-5	A-MW-6	Total/NA	Water	8270E SIM ID	732978
752-39890-6	A-MW-7	Total/NA	Water	8270E SIM ID	732978
752-39890-7	A-MW-8	Total/NA	Water	8270E SIM ID	732978
752-39890-8	A-MW-9	Total/NA	Water	8270E SIM ID	732978
752-39890-9	MW-1	Total/NA	Water	8270E SIM ID	732978
752-39890-10	MW-4	Total/NA	Water	8270E SIM ID	732978
752-39890-11	MW-5	Total/NA	Water	8270E SIM ID	732978
752-39890-12	MW-6	Total/NA	Water	8270E SIM ID	732978
752-39890-13	MW-7	Total/NA	Water	8270E SIM ID	732978
752-39890-14	120325-Dup-1	Total/NA	Water	8270E SIM ID	732978
MB 400-732978/1-A	Method Blank	Total/NA	Water	8270E SIM ID	732978
LCS 400-732978/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	732978
LCSD 400-732978/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	732978

Analysis Batch: 733051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	8270E	732908
752-39890-2	A-MW-2	Total/NA	Water	8270E	732908
752-39890-3	A-MW-3	Total/NA	Water	8270E	732908
752-39890-4	A-MW-4	Total/NA	Water	8270E	732908
752-39890-5	A-MW-6	Total/NA	Water	8270E	732908
752-39890-6	A-MW-7	Total/NA	Water	8270E	732908
752-39890-7	A-MW-8	Total/NA	Water	8270E	732908
752-39890-8	A-MW-9	Total/NA	Water	8270E	732908
752-39890-9	MW-1	Total/NA	Water	8270E	732908
752-39890-10	MW-4	Total/NA	Water	8270E	732908
752-39890-11	MW-5	Total/NA	Water	8270E	732908
752-39890-12	MW-6	Total/NA	Water	8270E	732908
752-39890-13	MW-7	Total/NA	Water	8270E	732908
752-39890-14	120325-Dup-1	Total/NA	Water	8270E	732908
MB 400-732908/1-A	Method Blank	Total/NA	Water	8270E	732908
LCS 400-732908/2-A	Lab Control Sample	Total/NA	Water	8270E	732908
LCSD 400-732908/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	732908

Metals

Prep Batch: 99913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total Recoverable	Water	3005A	
752-39890-2	A-MW-2	Total Recoverable	Water	3005A	
752-39890-3	A-MW-3	Total Recoverable	Water	3005A	
752-39890-4	A-MW-4	Total Recoverable	Water	3005A	
752-39890-5	A-MW-6	Total Recoverable	Water	3005A	
752-39890-6	A-MW-7	Total Recoverable	Water	3005A	
752-39890-7	A-MW-8	Total Recoverable	Water	3005A	
752-39890-8	A-MW-9	Total Recoverable	Water	3005A	
752-39890-9	MW-1	Total Recoverable	Water	3005A	
752-39890-10	MW-4	Total Recoverable	Water	3005A	
752-39890-11	MW-5	Total Recoverable	Water	3005A	
752-39890-12	MW-6	Total Recoverable	Water	3005A	
752-39890-13	MW-7	Total Recoverable	Water	3005A	
752-39890-14	120325-Dup-1	Total Recoverable	Water	3005A	
MB 705-99913/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-99913/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-39890-2 MS	A-MW-2	Total Recoverable	Water	3005A	
752-39890-2 MSD	A-MW-2	Total Recoverable	Water	3005A	

Prep Batch: 99923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	7470A	
752-39890-2	A-MW-2	Total/NA	Water	7470A	
752-39890-3	A-MW-3	Total/NA	Water	7470A	
752-39890-4	A-MW-4	Total/NA	Water	7470A	
752-39890-5	A-MW-6	Total/NA	Water	7470A	
752-39890-6	A-MW-7	Total/NA	Water	7470A	
752-39890-7	A-MW-8	Total/NA	Water	7470A	
752-39890-8	A-MW-9	Total/NA	Water	7470A	
752-39890-9	MW-1	Total/NA	Water	7470A	
752-39890-10	MW-4	Total/NA	Water	7470A	
752-39890-11	MW-5	Total/NA	Water	7470A	
752-39890-12	MW-6	Total/NA	Water	7470A	
752-39890-13	MW-7	Total/NA	Water	7470A	
752-39890-14	120325-Dup-1	Total/NA	Water	7470A	
MB 705-99923/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-99923/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-39890-1 MS	A-MW-1	Total/NA	Water	7470A	
752-39890-1 MSD	A-MW-1	Total/NA	Water	7470A	

Analysis Batch: 100369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	7470A	99923
752-39890-2	A-MW-2	Total/NA	Water	7470A	99923
752-39890-3	A-MW-3	Total/NA	Water	7470A	99923
752-39890-4	A-MW-4	Total/NA	Water	7470A	99923
752-39890-5	A-MW-6	Total/NA	Water	7470A	99923
752-39890-6	A-MW-7	Total/NA	Water	7470A	99923
752-39890-7	A-MW-8	Total/NA	Water	7470A	99923
752-39890-8	A-MW-9	Total/NA	Water	7470A	99923
752-39890-9	MW-1	Total/NA	Water	7470A	99923

Metals (Continued)

Analysis Batch: 100369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-10	MW-4	Total/NA	Water	7470A	99923
752-39890-11	MW-5	Total/NA	Water	7470A	99923
752-39890-12	MW-6	Total/NA	Water	7470A	99923
752-39890-13	MW-7	Total/NA	Water	7470A	99923
752-39890-14	120325-Dup-1	Total/NA	Water	7470A	99923
MB 705-99923/1-A	Method Blank	Total/NA	Water	7470A	99923
LCS 705-99923/2-A	Lab Control Sample	Total/NA	Water	7470A	99923
752-39890-1 MS	A-MW-1	Total/NA	Water	7470A	99923
752-39890-1 MSD	A-MW-1	Total/NA	Water	7470A	99923

Analysis Batch: 100440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total Recoverable	Water	6020B	99913
752-39890-2	A-MW-2	Total Recoverable	Water	6020B	99913
752-39890-3	A-MW-3	Total Recoverable	Water	6020B	99913
752-39890-4	A-MW-4	Total Recoverable	Water	6020B	99913
752-39890-5	A-MW-6	Total Recoverable	Water	6020B	99913
752-39890-6	A-MW-7	Total Recoverable	Water	6020B	99913
752-39890-7	A-MW-8	Total Recoverable	Water	6020B	99913
752-39890-8	A-MW-9	Total Recoverable	Water	6020B	99913
752-39890-9	MW-1	Total Recoverable	Water	6020B	99913
752-39890-10	MW-4	Total Recoverable	Water	6020B	99913
752-39890-11	MW-5	Total Recoverable	Water	6020B	99913
752-39890-12	MW-6	Total Recoverable	Water	6020B	99913
752-39890-13	MW-7	Total Recoverable	Water	6020B	99913
752-39890-14	120325-Dup-1	Total Recoverable	Water	6020B	99913
MB 705-99913/1-A	Method Blank	Total Recoverable	Water	6020B	99913
LCS 705-99913/2-A	Lab Control Sample	Total Recoverable	Water	6020B	99913
752-39890-2 MS	A-MW-2	Total Recoverable	Water	6020B	99913
752-39890-2 MSD	A-MW-2	Total Recoverable	Water	6020B	99913

Analysis Batch: 100817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-3	A-MW-3	Total Recoverable	Water	6020B	99913

General Chemistry

Analysis Batch: 14314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	353.2	
752-39890-2	A-MW-2	Total/NA	Water	353.2	
752-39890-3	A-MW-3	Total/NA	Water	353.2	
752-39890-4	A-MW-4	Total/NA	Water	353.2	
752-39890-5	A-MW-6	Total/NA	Water	353.2	
752-39890-6	A-MW-7	Total/NA	Water	353.2	
752-39890-7	A-MW-8	Total/NA	Water	353.2	
752-39890-8	A-MW-9	Total/NA	Water	353.2	
752-39890-9	MW-1	Total/NA	Water	353.2	
752-39890-10	MW-4	Total/NA	Water	353.2	
752-39890-11	MW-5	Total/NA	Water	353.2	
752-39890-12	MW-6	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 14314 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-13	MW-7	Total/NA	Water	353.2	
752-39890-14	120325-Dup-1	Total/NA	Water	353.2	
MB 752-14314/10	Method Blank	Total/NA	Water	353.2	
MB 752-14314/41	Method Blank	Total/NA	Water	353.2	
LCS 752-14314/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14314/50	Lab Control Sample Dup	Total/NA	Water	353.2	
752-39890-7 MS	A-MW-8	Total/NA	Water	353.2	
752-39890-7 MSD	A-MW-8	Total/NA	Water	353.2	

Analysis Batch: 732910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39890-2	A-MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39890-3	A-MW-3	Total/NA	Water	SM 4500 SO4 E	
752-39890-4	A-MW-4	Total/NA	Water	SM 4500 SO4 E	
752-39890-5	A-MW-6	Total/NA	Water	SM 4500 SO4 E	
752-39890-6	A-MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39890-7	A-MW-8	Total/NA	Water	SM 4500 SO4 E	
752-39890-8	A-MW-9	Total/NA	Water	SM 4500 SO4 E	
752-39890-9	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39890-10	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-39890-11	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-39890-12	MW-6	Total/NA	Water	SM 4500 SO4 E	
752-39890-13	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39890-14	120325-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-732910/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 400-732910/62	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-732910/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 400-732910/63	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-732910/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-39890-1 MS	A-MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39890-1 MSD	A-MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39890-11 MS	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-39890-11 MSD	MW-5	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	Nitrate by calc	
752-39890-2	A-MW-2	Total/NA	Water	Nitrate by calc	
752-39890-3	A-MW-3	Total/NA	Water	Nitrate by calc	
752-39890-4	A-MW-4	Total/NA	Water	Nitrate by calc	
752-39890-5	A-MW-6	Total/NA	Water	Nitrate by calc	
752-39890-6	A-MW-7	Total/NA	Water	Nitrate by calc	
752-39890-7	A-MW-8	Total/NA	Water	Nitrate by calc	
752-39890-8	A-MW-9	Total/NA	Water	Nitrate by calc	
752-39890-9	MW-1	Total/NA	Water	Nitrate by calc	
752-39890-10	MW-4	Total/NA	Water	Nitrate by calc	
752-39890-11	MW-5	Total/NA	Water	Nitrate by calc	
752-39890-12	MW-6	Total/NA	Water	Nitrate by calc	
752-39890-13	MW-7	Total/NA	Water	Nitrate by calc	
752-39890-14	120325-Dup-1	Total/NA	Water	Nitrate by calc	

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

General Chemistry

Analysis Batch: 887579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39890-2	A-MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39890-3	A-MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39890-4	A-MW-4	Total/NA	Water	350.1-1993 R2.0	
752-39890-5	A-MW-6	Total/NA	Water	350.1-1993 R2.0	
752-39890-6	A-MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39890-7	A-MW-8	Total/NA	Water	350.1-1993 R2.0	
752-39890-8	A-MW-9	Total/NA	Water	350.1-1993 R2.0	
752-39890-9	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39890-10	MW-4	Total/NA	Water	350.1-1993 R2.0	
752-39890-11	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-39890-12	MW-6	Total/NA	Water	350.1-1993 R2.0	
752-39890-13	MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39890-14	120325-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887579/32	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887579/33	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-39890-1 MS	A-MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39890-1 MSD	A-MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39890-11 MS	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-39890-11 MSD	MW-5	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-1	A-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-39890-2	A-MW-2	Total/NA	Water	353.2-1993 R2.0	
MB 680-887590/21	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887590/22	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39890-3	A-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-39890-4	A-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-39890-5	A-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-39890-6	A-MW-7	Total/NA	Water	353.2-1993 R2.0	
752-39890-7	A-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-39890-8	A-MW-9	Total/NA	Water	353.2-1993 R2.0	
752-39890-9	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-39890-10	MW-4	Total/NA	Water	353.2-1993 R2.0	
752-39890-11	MW-5	Total/NA	Water	353.2-1993 R2.0	
752-39890-12	MW-6	Total/NA	Water	353.2-1993 R2.0	
752-39890-13	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-39890-14	120325-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887615/18	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887615/19	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-1
Date Collected: 12/03/25 11:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 12:07
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 04:19
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 17:30
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 12:41
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 13:32
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:00
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:26
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 13:47
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		2	732910	CJK	EET PEN	12/06/25 13:14

Client Sample ID: A-MW-2
Date Collected: 12/03/25 12:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 12:28
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 04:52
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 17:52
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 12:15
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 13:44
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:08
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:27
Total/NA	Analysis	353.2-1993 R2.0		1	887590	NVF	EET SAV	12/10/25 13:48
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:16

Client Sample ID: A-MW-3
Date Collected: 12/03/25 09:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 12:49
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 05:24

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-3
Date Collected: 12/03/25 09:25
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 18:13
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 12:46
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100817	MD	EET ATL	12/10/25 14:26
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 13:59
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:11
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:45
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:13
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		5	732910	CJK	EET PEN	12/06/25 13:54

Client Sample ID: A-MW-4
Date Collected: 12/03/25 10:10
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 14:53
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 05:57
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 18:34
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:08
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:03
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:19
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:46
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:14
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:17

Client Sample ID: A-MW-6
Date Collected: 12/03/25 09:45
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 15:14
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 06:29
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 18:55

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-6

Date Collected: 12/03/25 09:45
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:14
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:07
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:21
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:47
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:16
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:18

Client Sample ID: A-MW-7

Date Collected: 12/03/25 15:35
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 15:35
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 07:01
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 19:16
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:20
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:11
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:24
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:48
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:18
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		20	732910	CJK	EET PEN	12/06/25 14:21

Client Sample ID: A-MW-8

Date Collected: 12/03/25 14:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 15:55
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 07:34
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 19:37
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:26
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:15

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: A-MW-8
Date Collected: 12/03/25 14:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:27
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:51
Total/NA	Analysis	353.2-1993 R2.0		5	887615	NVF	EET SAV	12/11/25 11:20
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		20	732910	CJK	EET PEN	12/06/25 14:21

Client Sample ID: A-MW-9
Date Collected: 12/03/25 14:30
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 16:16
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 08:06
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 19:58
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:31
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:19
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:29
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:54
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:22
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		2	732910	CJK	EET PEN	12/06/25 13:19

Client Sample ID: MW-1
Date Collected: 12/03/25 15:55
Date Received: 12/04/25 08:00

Lab Sample ID: 752-39890-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 16:37
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 08:38
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 20:19
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:34
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:23
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:32
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:55
Total/NA	Analysis	353.2-1993 R2.0		5	887615	NVF	EET SAV	12/11/25 11:27

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-1

Lab Sample ID: 752-39890-9

Date Collected: 12/03/25 15:55

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:20

Client Sample ID: MW-4

Lab Sample ID: 752-39890-10

Date Collected: 12/03/25 13:40

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 16:58
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 09:11
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 20:41
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:40
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:26
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:35
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:56
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:29
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		2	732910	CJK	EET PEN	12/06/25 13:20

Client Sample ID: MW-5

Lab Sample ID: 752-39890-11

Date Collected: 12/03/25 13:55

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 17:18
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 09:44
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 21:02
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:46
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:30
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 13:37
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:57
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:31
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:23

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: MW-6

Lab Sample ID: 752-39890-12

Date Collected: 12/03/25 11:15

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 17:39
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 10:17
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 21:23
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:51
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:34
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 14:12
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:58
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:33
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:24

Client Sample ID: MW-7

Lab Sample ID: 752-39890-13

Date Collected: 12/03/25 12:40

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 18:00
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 10:49
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 21:44
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 13:57
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:50
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 14:15
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 16:59
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:34
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		1	732910	CJK	EET PEN	12/06/25 13:25

Client Sample ID: 120325-Dup-1

Lab Sample ID: 752-39890-14

Date Collected: 12/03/25 00:00

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 18:21
Total/NA	Prep	3511			732908	JPH	EET PEN	12/06/25 15:15
Total/NA	Analysis	8270E		1	733051	JAW	EET PEN	12/09/25 11:22

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Client Sample ID: 120325-Dup-1

Lab Sample ID: 752-39890-14

Date Collected: 12/03/25 00:00

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			732978	AMM	EET PEN	12/08/25 11:11
Total/NA	Analysis	8270E SIM ID		1	733046	VC1	EET PEN	12/08/25 22:05
Total Recoverable	Prep	3005A			99913	BR	EET ATL	12/08/25 10:35
Total Recoverable	Analysis	6020B		1	100440	MD	EET ATL	12/09/25 14:16
Total/NA	Prep	7470A			99923	KB	EET ATL	12/08/25 17:03
Total/NA	Analysis	7470A		1	100369	TA	EET ATL	12/09/25 14:54
Total/NA	Analysis	350.1-1993 R2.0		1	887579	DJ	EET SAV	12/09/25 14:17
Total/NA	Analysis	353.2		1	14314	CB	EET RAL	12/04/25 17:00
Total/NA	Analysis	353.2-1993 R2.0		1	887615	NVF	EET SAV	12/11/25 11:36
Total/NA	Analysis	Nitrate by calc		1	887546	ALG	EET SAV	12/11/25 16:15
Total/NA	Analysis	SM 4500 SO4 E		2	732910	CJK	EET PEN	12/06/25 13:36

Client Sample ID: Trip Blank

Lab Sample ID: 752-39890-15

Date Collected: 12/03/25 00:00

Matrix: Water

Date Received: 12/04/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733131	BPO	EET PEN	12/09/25 14:32

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-39890-1
Project/Site: Lyon Park

Laboratory: Eurofins Raleigh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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 ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-39890-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-39890-1	A-MW-1	Water	12/03/25 11:25	12/04/25 08:00	North Carolina
752-39890-2	A-MW-2	Water	12/03/25 12:10	12/04/25 08:00	North Carolina
752-39890-3	A-MW-3	Water	12/03/25 09:25	12/04/25 08:00	North Carolina
752-39890-4	A-MW-4	Water	12/03/25 10:10	12/04/25 08:00	North Carolina
752-39890-5	A-MW-6	Water	12/03/25 09:45	12/04/25 08:00	North Carolina
752-39890-6	A-MW-7	Water	12/03/25 15:35	12/04/25 08:00	North Carolina
752-39890-7	A-MW-8	Water	12/03/25 14:55	12/04/25 08:00	North Carolina
752-39890-8	A-MW-9	Water	12/03/25 14:30	12/04/25 08:00	North Carolina
752-39890-9	MW-1	Water	12/03/25 15:55	12/04/25 08:00	North Carolina
752-39890-10	MW-4	Water	12/03/25 13:40	12/04/25 08:00	North Carolina
752-39890-11	MW-5	Water	12/03/25 13:55	12/04/25 08:00	North Carolina
752-39890-12	MW-6	Water	12/03/25 11:15	12/04/25 08:00	North Carolina
752-39890-13	MW-7	Water	12/03/25 12:40	12/04/25 08:00	North Carolina
752-39890-14	120325-Dup-1	Water	12/03/25 00:00	12/04/25 08:00	North Carolina
752-39890-15	Trip Blank	Water	12/03/25 00:00	12/04/25 08:00	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: (843) 337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 2
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TATs			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-39890 COC

Other:

NCDEQ Eqm IS EDDs

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
A-MW-1	12/3/25	1125	G	W			X	X	X	X	X	X	X		
A-MW-2		1210					X	X	Y	X	Y	X	X		
A-MW-3		0925					X	X	X	X	X	X	X		
A-MW-4		1010					X	X	X	X	X	X	X		
A-MW-6		0945					X	X	X	X	X	X	X		
A-MW-7		1535					X	X	X	X	X	X	X		
A-MW-8		1455					X	X	X	X	X	X	X		
A-MW-9		1430					X	X	X	X	X	X	X		
MW-1		1555					X	X	X	X	X	X	X		
MW-4		1340					X	X	X	X	X	X	X		
MW-5		1355					X	X	X	X	X	X	X		

Initial Temperature: 13/1.7/ °C 2.0
Correction Factor: -0.2°C
Corrected Temperature: 1.1/1.5°C 1.8
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		12/3/25 1745	S&ME		120425 800	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: (586) 337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 2 of 2
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

Other: NCDEQ EQuIS EDDs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D6 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers
			Preservation Code:				N	N	S	A	D	N	N	
MW-6	12/3/25	1115	G	W			X	X	X	X	X	X	X	
MW-7	↓	1240	↓	↓			X	X	X	X	X	X	X	
~~EB~~ 120325-DUP-1	↓	—	↓	↓			X	X	X	X	X	X	X	
Trip Blanks (3)														

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]	12/3/25 1745	S&ME	[signature]	12/04/25 800	
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:

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7423.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39890-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/12/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DI/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
A-MW-1 (752-39890-1)	12/3/25	11 25 Eastern	G	Water			X	X	X	X	5	
A-MW-2 (752-39890-2)	12/3/25	12.10 Eastern	G	Water			X	X	X	X	5	
A-MW-3 (752-39890-3)	12/3/25	09 25 Eastern	G	Water			X	X	X	X	5	
A-MW-4 (752-39890-4)	12/3/25	10 10 Eastern	G	Water			X	X	X	X	5	
A-MW-6 (752-39890-5)	12/3/25	09.45 Eastern	G	Water			X	X	X	X	5	
A-MW-7 (752-39890-6)	12/3/25	15 35 Eastern	G	Water			X	X	X	X	5	
A-MW-8 (752-39890-7)	12/3/25	14.55 Eastern	G	Water			X	X	X	X	5	
A-MW-9 (752-39890-8)	12/3/25	14 30 Eastern	G	Water			X	X	X	X	5	
MW-1 (752-39890-9)	12/3/25	15 55 Eastern	G	Water			X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
BR	12/4/25 1500				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/05/25 953	Company: EEB

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 1.3°C, 1.9°C IR10 1.0°C IR4

Ver 10/10/2024

12/15/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7423.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 2 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39890-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/12/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total										Total Number of containers	Special Instructions/Note:
Preservation Codes:																					
MW-4 (752-39890-10)	12/3/25	13 40 Eastern	G	Water			X	X	X	X										10	
MW-5 (752-39890-11)	12/3/25	13 55 Eastern	G	Water			X	X	X	X										10	
MW-6 (752-39890-12)	12/3/25	11 15 Eastern	G	Water			X	X	X	X										10	
MW-7 (752-39890-13)	12/3/25	12.40 Eastern	G	Water			X	X	X	X										10	
120325-Dup-1 (752-39890-14)	12/3/25	Eastern	G	Water			X	X	X	X										10	
Trip Blank (752-39890-15)	12/3/25	09 25 Eastern	G	Water			X													5	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
BR	12/4/25 1500				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/05/25 953	Company: EETS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3°C IR10 1.9°C IR10 1.0°C IR11

Ver 10/10/2024

12/15/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kuruganty, Nikita	Carrier Tracking No(s): N/A	COC No: 752-7430.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nikita Kuruganty@et.eurofinsus com	State of Origin: North Carolina	Page: Page 2 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): NELAP - Florida, State - North Carolina (DW), State - N		Job #: 752-39934-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/17/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Riverview 76	Project #: 68030230			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SM6200_B/5030BStrd Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-24 (752-39934-10)	12/4/25	11 37 Eastern	G	Water			X		
RW-1 (752-39934-11)	12/4/25	12:15 Eastern	G	Water			X		
RW-2 (752-39934-12)	12/4/25	12.08 Eastern	G	Water			X		
RW-4 (752-39934-13)	12/4/25	12.04 Eastern	G	Water			X		
RW-6 (752-39934-14)	12/4/25	11 58 Eastern	G	Water			X		

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
N	12-5-25 1100				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time.	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/05/25 953	Company EET

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.3°C, 1.9°C, ~~1.0°C~~ IR10 1.0°C IR11

Ver 10/10/2024

12/15/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7420.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39890-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/12/2025			Preservation Codes: -
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
A-MW-1 (752-39890-1)	12/3/25	11:25 Eastern	G	Water			X	X	1	
A-MW-2 (752-39890-2)	12/3/25	12:10 Eastern	G	Water			X	X	1	
A-MW-3 (752-39890-3)	12/3/25	09:25 Eastern	G	Water			X	X	1	
A-MW-4 (752-39890-4)	12/3/25	10:10 Eastern	G	Water			X	X	1	
A-MW-6 (752-39890-5)	12/3/25	09:45 Eastern	G	Water			X	X	1	
A-MW-7 (752-39890-6)	12/3/25	15:35 Eastern	G	Water			X	X	1	
A-MW-8 (752-39890-7)	12/3/25	14:55 Eastern	G	Water			X	X	1	
A-MW-9 (752-39890-8)	12/3/25	14:30 Eastern	G	Water			X	X	1	
MW-1 (752-39890-9)	12/3/25	15:55 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
PR	12/4/25 1441			12/05/25 950	
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: 19 #2665

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7420.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 2 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-39890-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/12/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-4 (752-39890-10)	12/3/25	13:40 Eastern	G	Water			X	X	1	
MW-5 (752-39890-11)	12/3/25	13:55 Eastern	G	Water			X	X	1	
MW-6 (752-39890-12)	12/3/25	11:15 Eastern	G	Water			X	X	1	
MW-7 (752-39890-13)	12/3/25	12:40 Eastern	G	Water			X	X	1	
120325-Dup-1 (752-39890-14)	12/3/25	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
BR	12/4/25 1441			12/05/25 950	
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: .9 #20605

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39890-1

Login Number: 39890
List Number: 1
Creator: Yonish, Rachel

List Source: Eurofins Raleigh

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.	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.	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: S&ME Inc

Job Number: 752-39890-1

Login Number: 39890
List Number: 3
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/05/25 12:54 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does 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 present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39890-1

Login Number: 39890
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 12/06/25 11:03 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.	True	
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°C IR10
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39890-1

Login Number: 39890
List Number: 2
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 12/05/25 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.	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 11/17/2025 9:55:23 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

680-268088-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



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11/17/2025 9:55:23 AM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
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
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

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
680-268088-1	SW-5	Water	11/05/25 14:40	11/06/25 10:15	North Carolina
680-268088-2	SW-6	Water	11/05/25 13:20	11/06/25 10:15	North Carolina
680-268088-3	SW-7	Water	11/05/25 12:45	11/06/25 10:15	North Carolina
680-268088-4	SW-8	Water	11/05/25 11:30	11/06/25 10:15	North Carolina
680-268088-5	SW-9	Water	11/05/25 10:45	11/06/25 10:15	North Carolina
680-268088-6	SW-DUP	Water	11/05/25 00:00	11/06/25 10:15	North Carolina
680-268088-7	TRIP BLANK	Water	11/05/25 00:00	11/06/25 10:15	North Carolina

Job Narrative
680-268088-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/6/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8°C and 1.5°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730541 recovered outside control limits for the following analytes: Acetone, Bromomethane and Chloromethane. 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.

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729868 and analytical batch 400-730060 recovered outside control limits for the following analyte: 2-Nitrophenol. This analyte was biased high in the LCS 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.

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

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

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-5
Date Collected: 11/05/25 14:40
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 17:31	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 17:31	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 17:31	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 17:31	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 17:31	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 17:31	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 17:31	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 17:31	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 17:31	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 17:31	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 17:31	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 17:31	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 17:31	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 17:31	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 17:31	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 17:31	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 17:31	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 17:31	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 17:31	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 17:31	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 17:31	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 17:31	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 17:31	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 17:31	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 17:31	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 17:31	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 17:31	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 17:31	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 17:31	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 17:31	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 17:31	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 17:31	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 17:31	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 17:31	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 17:31	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 17:31	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 17:31	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 17:31	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 17:31	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 17:31	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 17:31	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 17:31	1

Client Sample ID: SW-5
Date Collected: 11/05/25 14:40
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 17:31	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 17:31	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 17:31	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 17:31	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 17:31	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 17:31	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 17:31	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 17:31	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 17:31	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 17:31	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 17:31	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 17:31	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 17:31	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 17:31	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 17:31	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 17:31	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 17:31	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 17:31	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 17:31	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 17:31	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 17:31	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*11/14/25 17:31*	*1*
Dibromofluoromethane	*113*		*79 - 130*		*11/14/25 17:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/14/25 17:31*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/14/25 17:31*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.291	0.291	ug/L		11/08/25 10:41	11/11/25 19:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/08/25 10:41*	*11/11/25 19:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		11/09/25 14:00	11/11/25 18:19	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		11/09/25 14:00	11/11/25 18:19	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		11/09/25 14:00	11/11/25 18:19	1
2-Chlorophenol	ND		9.97	0.837	ug/L		11/09/25 14:00	11/11/25 18:19	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		11/09/25 14:00	11/11/25 18:19	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-5
Date Collected: 11/05/25 14:40
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.97	0.757	ug/L		11/09/25 14:00	11/11/25 18:19	1
2-Nitroaniline	ND		9.97	1.37	ug/L		11/09/25 14:00	11/11/25 18:19	1
2-Nitrophenol	ND	*+	9.97	1.17	ug/L		11/09/25 14:00	11/11/25 18:19	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		11/09/25 14:00	11/11/25 18:19	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		11/09/25 14:00	11/11/25 18:19	1
3-Nitroaniline	ND		9.97	0.947	ug/L		11/09/25 14:00	11/11/25 18:19	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		11/09/25 14:00	11/11/25 18:19	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		11/09/25 14:00	11/11/25 18:19	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		11/09/25 14:00	11/11/25 18:19	1
4-Chloroaniline	ND		9.97	0.578	ug/L		11/09/25 14:00	11/11/25 18:19	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		11/09/25 14:00	11/11/25 18:19	1
4-Nitroaniline	ND		9.97	3.49	ug/L		11/09/25 14:00	11/11/25 18:19	1
4-Nitrophenol	ND		9.97	2.73	ug/L		11/09/25 14:00	11/11/25 18:19	1
Acenaphthene	ND		9.97	0.628	ug/L		11/09/25 14:00	11/11/25 18:19	1
Acenaphthylene	ND		9.97	0.757	ug/L		11/09/25 14:00	11/11/25 18:19	1
Acetophenone	ND		9.97	3.19	ug/L		11/09/25 14:00	11/11/25 18:19	1
Anthracene	ND		9.97	0.907	ug/L		11/09/25 14:00	11/11/25 18:19	1
Atrazine	ND		9.97	1.13	ug/L		11/09/25 14:00	11/11/25 18:19	1
Benzaldehyde	ND		9.97	0.668	ug/L		11/09/25 14:00	11/11/25 18:19	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		11/09/25 14:00	11/11/25 18:19	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		11/09/25 14:00	11/11/25 18:19	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		11/09/25 14:00	11/11/25 18:19	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		11/09/25 14:00	11/11/25 18:19	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		11/09/25 14:00	11/11/25 18:19	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		11/09/25 14:00	11/11/25 18:19	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		11/09/25 14:00	11/11/25 18:19	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		11/09/25 14:00	11/11/25 18:19	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 18:19	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 18:19	1
Caprolactam	ND		9.97	2.39	ug/L		11/09/25 14:00	11/11/25 18:19	1
Carbazole	ND		9.97	0.319	ug/L		11/09/25 14:00	11/11/25 18:19	1
Chrysene	ND		9.97	1.20	ug/L		11/09/25 14:00	11/11/25 18:19	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		11/09/25 14:00	11/11/25 18:19	1
Dibenzofuran	ND		9.97	0.638	ug/L		11/09/25 14:00	11/11/25 18:19	1
Diethyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 18:19	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 18:19	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		11/09/25 14:00	11/11/25 18:19	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 18:19	1
Fluoranthene	ND		9.97	0.628	ug/L		11/09/25 14:00	11/11/25 18:19	1
Fluorene	ND		9.97	0.668	ug/L		11/09/25 14:00	11/11/25 18:19	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		11/09/25 14:00	11/11/25 18:19	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		11/09/25 14:00	11/11/25 18:19	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		11/09/25 14:00	11/11/25 18:19	1
Hexachloroethane	ND		9.97	0.528	ug/L		11/09/25 14:00	11/11/25 18:19	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		11/09/25 14:00	11/11/25 18:19	1
Isophorone	ND		9.97	0.797	ug/L		11/09/25 14:00	11/11/25 18:19	1
Naphthalene	ND		9.97	0.748	ug/L		11/09/25 14:00	11/11/25 18:19	1
Nitrobenzene	ND		9.97	0.598	ug/L		11/09/25 14:00	11/11/25 18:19	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		11/09/25 14:00	11/11/25 18:19	1

Client Sample ID: SW-5
Date Collected: 11/05/25 14:40
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		11/09/25 14:00	11/11/25 18:19	1
Pentachlorophenol	ND		9.97	2.79	ug/L		11/09/25 14:00	11/11/25 18:19	1
Phenanthrene	ND		9.97	0.738	ug/L		11/09/25 14:00	11/11/25 18:19	1
Phenol	ND		9.97	0.678	ug/L		11/09/25 14:00	11/11/25 18:19	1
Pyrene	ND		9.97	0.628	ug/L		11/09/25 14:00	11/11/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:19*	*1*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*	*11/09/25 14:00*	*11/11/25 18:19*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:19*	*1*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*	*11/09/25 14:00*	*11/11/25 18:19*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:19*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*11/09/25 14:00*	*11/11/25 18:19*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:17	1
Arsenic	**0.668**	**J**	4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:17	1
Chromium	**0.787**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:17	1
Copper	**4.76**		2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:17	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:17	1
Cobalt	**0.259**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:17	1
Barium	**50.9**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:17	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:17	1
Manganese	**65.8**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:17	1
Nickel	**1.67**	**J**	4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:17	1
Lead	**1.56**	**J**	2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:17	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:17	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:17	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:17	1
Vanadium	**0.876**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:17	1
Zinc	**10.2**		4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 12:48	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0300**	**J**	0.100	0.0100	mg/L			11/07/25 13:23	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:41	1
Nitrate as N (SM Nitrate by calc)	**0.0300**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**14.9**		5.00	1.40	mg/L			11/14/25 11:04	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-6
Date Collected: 11/05/25 13:20
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 17:57	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 17:57	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 17:57	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 17:57	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 17:57	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 17:57	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 17:57	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 17:57	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 17:57	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 17:57	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 17:57	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 17:57	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 17:57	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 17:57	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 17:57	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 17:57	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 17:57	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 17:57	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 17:57	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 17:57	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 17:57	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 17:57	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 17:57	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 17:57	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 17:57	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 17:57	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 17:57	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 17:57	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 17:57	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 17:57	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 17:57	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 17:57	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 17:57	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 17:57	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 17:57	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 17:57	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 17:57	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 17:57	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 17:57	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 17:57	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 17:57	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 17:57	1

Client Sample ID: SW-6
Date Collected: 11/05/25 13:20
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 17:57	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 17:57	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 17:57	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 17:57	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 17:57	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 17:57	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 17:57	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 17:57	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 17:57	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 17:57	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 17:57	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 17:57	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 17:57	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 17:57	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 17:57	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 17:57	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 17:57	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 17:57	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 17:57	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 17:57	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 17:57	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/14/25 17:57*	*1*
Dibromofluoromethane	*112*		*79 - 130*		*11/14/25 17:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*59 - 146*		*11/14/25 17:57*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/14/25 17:57*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.314	0.314	ug/L		11/08/25 10:41	11/11/25 19:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*11/08/25 10:41*	*11/11/25 19:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 18:51	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 18:51	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 18:51	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 18:51	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 18:51	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-6
Date Collected: 11/05/25 13:20
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 18:51	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 18:51	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/09/25 14:00	11/11/25 18:51	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 18:51	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 18:51	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 18:51	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 18:51	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 18:51	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 18:51	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 18:51	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 18:51	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 18:51	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 18:51	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 18:51	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 18:51	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 18:51	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 18:51	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 18:51	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 18:51	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 18:51	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 18:51	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 18:51	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 18:51	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 18:51	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 18:51	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 18:51	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 18:51	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 18:51	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 18:51	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 18:51	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 18:51	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 18:51	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 18:51	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 18:51	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 18:51	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 18:51	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 18:51	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 18:51	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 18:51	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 18:51	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 18:51	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 18:51	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 18:51	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 18:51	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 18:51	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 18:51	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 18:51	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 18:51	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 18:51	1

Client Sample ID: SW-6
Date Collected: 11/05/25 13:20
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 18:51	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 18:51	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 18:51	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 18:51	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:51*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*11/09/25 14:00*	*11/11/25 18:51*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:51*	*1*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*	*11/09/25 14:00*	*11/11/25 18:51*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:51*	*1*
Terphenyl-d14 (Surr)	*49*		*28 - 150*	*11/09/25 14:00*	*11/11/25 18:51*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:20	1
Arsenic	**0.665**	**J**	4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:20	1
Chromium	**0.573**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:20	1
Copper	**3.63**		2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:20	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:20	1
Cobalt	**0.250**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:20	1
Barium	**51.2**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:20	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:20	1
Manganese	**105**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:20	1
Nickel	**2.30**	**J**	4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:20	1
Lead	**1.03**	**J**	2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:20	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:20	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:20	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:20	1
Vanadium	**0.779**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:20	1
Zinc	**7.54**		4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 09:41	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0250**	**J**	0.100	0.0100	mg/L			11/07/25 13:25	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:43	1
Nitrate as N (SM Nitrate by calc)	**0.0250**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**14.5**		5.00	1.40	mg/L			11/14/25 11:05	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-7
Date Collected: 11/05/25 12:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 18:24	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 18:24	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 18:24	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 18:24	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 18:24	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 18:24	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 18:24	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 18:24	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 18:24	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 18:24	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 18:24	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 18:24	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 18:24	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 18:24	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 18:24	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 18:24	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 18:24	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 18:24	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 18:24	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 18:24	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 18:24	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 18:24	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 18:24	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 18:24	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 18:24	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 18:24	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 18:24	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 18:24	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 18:24	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 18:24	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 18:24	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 18:24	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 18:24	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 18:24	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 18:24	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 18:24	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 18:24	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 18:24	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 18:24	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 18:24	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 18:24	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 18:24	1

Client Sample ID: SW-7
Date Collected: 11/05/25 12:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 18:24	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 18:24	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 18:24	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 18:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 18:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 18:24	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 18:24	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 18:24	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 18:24	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 18:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 18:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 18:24	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 18:24	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 18:24	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 18:24	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 18:24	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 18:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 18:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 18:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 18:24	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 18:24	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 18:24	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/14/25 18:24*	*1*
Dibromofluoromethane	*114*		*79 - 130*		*11/14/25 18:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*59 - 146*		*11/14/25 18:24*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/14/25 18:24*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.290	0.290	ug/L		11/08/25 10:41	11/11/25 19:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*11/08/25 10:41*	*11/11/25 19:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		11/09/25 14:00	11/11/25 19:23	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		11/09/25 14:00	11/11/25 19:23	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		11/09/25 14:00	11/11/25 19:23	1
2-Chlorophenol	ND		10.1	0.851	ug/L		11/09/25 14:00	11/11/25 19:23	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		11/09/25 14:00	11/11/25 19:23	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-7
Date Collected: 11/05/25 12:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		11/09/25 14:00	11/11/25 19:23	1
2-Nitroaniline	ND		10.1	1.39	ug/L		11/09/25 14:00	11/11/25 19:23	1
2-Nitrophenol	ND	*+	10.1	1.19	ug/L		11/09/25 14:00	11/11/25 19:23	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		11/09/25 14:00	11/11/25 19:23	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		11/09/25 14:00	11/11/25 19:23	1
3-Nitroaniline	ND		10.1	0.963	ug/L		11/09/25 14:00	11/11/25 19:23	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		11/09/25 14:00	11/11/25 19:23	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		11/09/25 14:00	11/11/25 19:23	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		11/09/25 14:00	11/11/25 19:23	1
4-Chloroaniline	ND		10.1	0.588	ug/L		11/09/25 14:00	11/11/25 19:23	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		11/09/25 14:00	11/11/25 19:23	1
4-Nitroaniline	ND		10.1	3.55	ug/L		11/09/25 14:00	11/11/25 19:23	1
4-Nitrophenol	ND		10.1	2.78	ug/L		11/09/25 14:00	11/11/25 19:23	1
Acenaphthene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 19:23	1
Acenaphthylene	ND		10.1	0.770	ug/L		11/09/25 14:00	11/11/25 19:23	1
Acetophenone	ND		10.1	3.24	ug/L		11/09/25 14:00	11/11/25 19:23	1
Anthracene	ND		10.1	0.922	ug/L		11/09/25 14:00	11/11/25 19:23	1
Atrazine	ND		10.1	1.15	ug/L		11/09/25 14:00	11/11/25 19:23	1
Benzaldehyde	ND		10.1	0.679	ug/L		11/09/25 14:00	11/11/25 19:23	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 14:00	11/11/25 19:23	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 19:23	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		11/09/25 14:00	11/11/25 19:23	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 19:23	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 19:23	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		11/09/25 14:00	11/11/25 19:23	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		11/09/25 14:00	11/11/25 19:23	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		11/09/25 14:00	11/11/25 19:23	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:23	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:23	1
Caprolactam	ND		10.1	2.43	ug/L		11/09/25 14:00	11/11/25 19:23	1
Carbazole	ND		10.1	0.324	ug/L		11/09/25 14:00	11/11/25 19:23	1
Chrysene	ND		10.1	1.22	ug/L		11/09/25 14:00	11/11/25 19:23	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		11/09/25 14:00	11/11/25 19:23	1
Dibenzofuran	ND		10.1	0.649	ug/L		11/09/25 14:00	11/11/25 19:23	1
Diethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:23	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:23	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		11/09/25 14:00	11/11/25 19:23	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:23	1
Fluoranthene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 19:23	1
Fluorene	ND		10.1	0.679	ug/L		11/09/25 14:00	11/11/25 19:23	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 14:00	11/11/25 19:23	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		11/09/25 14:00	11/11/25 19:23	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		11/09/25 14:00	11/11/25 19:23	1
Hexachloroethane	ND		10.1	0.537	ug/L		11/09/25 14:00	11/11/25 19:23	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 19:23	1
Isophorone	ND		10.1	0.811	ug/L		11/09/25 14:00	11/11/25 19:23	1
Naphthalene	ND		10.1	0.760	ug/L		11/09/25 14:00	11/11/25 19:23	1
Nitrobenzene	ND		10.1	0.608	ug/L		11/09/25 14:00	11/11/25 19:23	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		11/09/25 14:00	11/11/25 19:23	1

Client Sample ID: SW-7

Date Collected: 11/05/25 12:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		11/09/25 14:00	11/11/25 19:23	1
Pentachlorophenol	ND		10.1	2.84	ug/L		11/09/25 14:00	11/11/25 19:23	1
Phenanthrene	ND		10.1	0.750	ug/L		11/09/25 14:00	11/11/25 19:23	1
Phenol	ND		10.1	0.689	ug/L		11/09/25 14:00	11/11/25 19:23	1
Pyrene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:23*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*11/09/25 14:00*	*11/11/25 19:23*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:23*	*1*
Nitrobenzene-d5 (Surr)	*110*		*22 - 150*	*11/09/25 14:00*	*11/11/25 19:23*	*1*
Phenol-d5 (Surr)	*66*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:23*	*1*
Terphenyl-d14 (Surr)	*50*		*28 - 150*	*11/09/25 14:00*	*11/11/25 19:23*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:25	1
Arsenic	**0.742**	**J**	4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:25	1
Chromium	**0.572**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:25	1
Copper	**2.89**		2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:25	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:25	1
Cobalt	**0.190**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:25	1
Barium	**48.6**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:25	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:25	1
Manganese	**56.3**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:25	1
Nickel	**1.40**	**J**	4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:25	1
Lead	**1.02**	**J**	2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:25	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:25	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:25	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:25	1
Vanadium	**0.720**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:25	1
Zinc	**6.62**		4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 16:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 09:44	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0120**	**J**	0.100	0.0100	mg/L			11/07/25 13:27	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:44	1
Nitrate as N (SM Nitrate by calc)	**0.0120**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**13.9**		5.00	1.40	mg/L			11/14/25 11:05	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-8
Date Collected: 11/05/25 11:30
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 18:50	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 18:50	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 18:50	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 18:50	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 18:50	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 18:50	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 18:50	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 18:50	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 18:50	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 18:50	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 18:50	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 18:50	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 18:50	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 18:50	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 18:50	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 18:50	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 18:50	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 18:50	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 18:50	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 18:50	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 18:50	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 18:50	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 18:50	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 18:50	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 18:50	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 18:50	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 18:50	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 18:50	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 18:50	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 18:50	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 18:50	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 18:50	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 18:50	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 18:50	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 18:50	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 18:50	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 18:50	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 18:50	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 18:50	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 18:50	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 18:50	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 18:50	1

Client Sample ID: SW-8
Date Collected: 11/05/25 11:30
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 18:50	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 18:50	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 18:50	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 18:50	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 18:50	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 18:50	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 18:50	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 18:50	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 18:50	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 18:50	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 18:50	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 18:50	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 18:50	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 18:50	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 18:50	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 18:50	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 18:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 18:50	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 18:50	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 18:50	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 18:50	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 18:50	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/14/25 18:50*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*11/14/25 18:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*59 - 146*		*11/14/25 18:50*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/14/25 18:50*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.289	0.289	ug/L		11/08/25 10:41	11/11/25 20:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/08/25 10:41*	*11/11/25 20:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		11/09/25 14:00	11/11/25 19:54	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		11/09/25 14:00	11/11/25 19:54	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		11/09/25 14:00	11/11/25 19:54	1
2-Chlorophenol	ND		10.1	0.848	ug/L		11/09/25 14:00	11/11/25 19:54	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		11/09/25 14:00	11/11/25 19:54	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-8
Date Collected: 11/05/25 11:30
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		11/09/25 14:00	11/11/25 19:54	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/09/25 14:00	11/11/25 19:54	1
2-Nitrophenol	ND	*+	10.1	1.18	ug/L		11/09/25 14:00	11/11/25 19:54	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		11/09/25 14:00	11/11/25 19:54	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		11/09/25 14:00	11/11/25 19:54	1
3-Nitroaniline	ND		10.1	0.960	ug/L		11/09/25 14:00	11/11/25 19:54	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		11/09/25 14:00	11/11/25 19:54	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/09/25 14:00	11/11/25 19:54	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		11/09/25 14:00	11/11/25 19:54	1
4-Chloroaniline	ND		10.1	0.586	ug/L		11/09/25 14:00	11/11/25 19:54	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/09/25 14:00	11/11/25 19:54	1
4-Nitroaniline	ND		10.1	3.54	ug/L		11/09/25 14:00	11/11/25 19:54	1
4-Nitrophenol	ND		10.1	2.77	ug/L		11/09/25 14:00	11/11/25 19:54	1
Acenaphthene	ND		10.1	0.636	ug/L		11/09/25 14:00	11/11/25 19:54	1
Acenaphthylene	ND		10.1	0.768	ug/L		11/09/25 14:00	11/11/25 19:54	1
Acetophenone	ND		10.1	3.23	ug/L		11/09/25 14:00	11/11/25 19:54	1
Anthracene	ND		10.1	0.919	ug/L		11/09/25 14:00	11/11/25 19:54	1
Atrazine	ND		10.1	1.14	ug/L		11/09/25 14:00	11/11/25 19:54	1
Benzaldehyde	ND		10.1	0.677	ug/L		11/09/25 14:00	11/11/25 19:54	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 14:00	11/11/25 19:54	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 19:54	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/09/25 14:00	11/11/25 19:54	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 19:54	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 19:54	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		11/09/25 14:00	11/11/25 19:54	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		11/09/25 14:00	11/11/25 19:54	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		11/09/25 14:00	11/11/25 19:54	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		11/09/25 14:00	11/11/25 19:54	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		11/09/25 14:00	11/11/25 19:54	1
Caprolactam	ND		10.1	2.42	ug/L		11/09/25 14:00	11/11/25 19:54	1
Carbazole	ND		10.1	0.323	ug/L		11/09/25 14:00	11/11/25 19:54	1
Chrysene	ND		10.1	1.21	ug/L		11/09/25 14:00	11/11/25 19:54	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/09/25 14:00	11/11/25 19:54	1
Dibenzofuran	ND		10.1	0.646	ug/L		11/09/25 14:00	11/11/25 19:54	1
Diethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 14:00	11/11/25 19:54	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		11/09/25 14:00	11/11/25 19:54	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		11/09/25 14:00	11/11/25 19:54	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		11/09/25 14:00	11/11/25 19:54	1
Fluoranthene	ND		10.1	0.636	ug/L		11/09/25 14:00	11/11/25 19:54	1
Fluorene	ND		10.1	0.677	ug/L		11/09/25 14:00	11/11/25 19:54	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 14:00	11/11/25 19:54	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		11/09/25 14:00	11/11/25 19:54	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		11/09/25 14:00	11/11/25 19:54	1
Hexachloroethane	ND		10.1	0.535	ug/L		11/09/25 14:00	11/11/25 19:54	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 19:54	1
Isophorone	ND		10.1	0.808	ug/L		11/09/25 14:00	11/11/25 19:54	1
Naphthalene	ND		10.1	0.758	ug/L		11/09/25 14:00	11/11/25 19:54	1
Nitrobenzene	ND		10.1	0.606	ug/L		11/09/25 14:00	11/11/25 19:54	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		11/09/25 14:00	11/11/25 19:54	1

Client Sample ID: SW-8
Date Collected: 11/05/25 11:30
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		11/09/25 14:00	11/11/25 19:54	1
Pentachlorophenol	ND		10.1	2.83	ug/L		11/09/25 14:00	11/11/25 19:54	1
Phenanthrene	ND		10.1	0.747	ug/L		11/09/25 14:00	11/11/25 19:54	1
Phenol	ND		10.1	0.687	ug/L		11/09/25 14:00	11/11/25 19:54	1
Pyrene	ND		10.1	0.636	ug/L		11/09/25 14:00	11/11/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:54*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*11/09/25 14:00*	*11/11/25 19:54*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:54*	*1*
Nitrobenzene-d5 (Surr)	*106*		*22 - 150*	*11/09/25 14:00*	*11/11/25 19:54*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:54*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*11/09/25 14:00*	*11/11/25 19:54*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:27	1
Arsenic	**0.742**	**J**	4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:27	1
Chromium	**0.594**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:27	1
Copper	**2.57**		2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:27	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:27	1
Cobalt	**0.152**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:27	1
Barium	**48.3**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:27	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:27	1
Manganese	**59.3**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:27	1
Nickel	**1.31**	**J**	4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:27	1
Lead	**0.676**	**J**	2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:27	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:27	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:27	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:27	1
Vanadium	**0.719**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:27	1
Zinc	**7.50**		4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 09:46	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0960**	**J**	0.100	0.0100	mg/L			11/07/25 13:29	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:45	1
Nitrate as N (SM Nitrate by calc)	**0.0960**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**15.6**		5.00	1.40	mg/L			11/14/25 11:06	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-9
Date Collected: 11/05/25 10:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 19:17	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 19:17	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 19:17	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 19:17	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 19:17	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 19:17	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 19:17	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 19:17	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 19:17	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 19:17	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 19:17	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 19:17	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 19:17	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 19:17	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 19:17	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 19:17	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 19:17	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 19:17	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 19:17	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 19:17	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 19:17	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 19:17	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 19:17	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 19:17	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 19:17	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 19:17	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 19:17	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 19:17	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 19:17	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 19:17	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 19:17	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 19:17	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 19:17	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 19:17	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 19:17	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 19:17	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 19:17	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 19:17	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 19:17	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 19:17	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 19:17	1

Client Sample ID: SW-9
Date Collected: 11/05/25 10:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 19:17	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 19:17	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 19:17	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 19:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 19:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 19:17	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 19:17	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 19:17	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 19:17	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 19:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 19:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 19:17	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 19:17	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 19:17	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 19:17	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 19:17	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 19:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 19:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 19:17	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 19:17	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 19:17	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*11/14/25 19:17*	*1*
Dibromofluoromethane	*113*		*79 - 130*		*11/14/25 19:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*59 - 146*		*11/14/25 19:17*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/14/25 19:17*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.287	0.287	ug/L		11/08/25 10:41	11/11/25 20:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/08/25 10:41*	*11/11/25 20:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		11/09/25 14:00	11/11/25 20:26	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		11/09/25 14:00	11/11/25 20:26	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		11/09/25 14:00	11/11/25 20:26	1
2-Chlorophenol	ND		10.1	0.846	ug/L		11/09/25 14:00	11/11/25 20:26	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		11/09/25 14:00	11/11/25 20:26	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-9
Date Collected: 11/05/25 10:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.765	ug/L		11/09/25 14:00	11/11/25 20:26	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/09/25 14:00	11/11/25 20:26	1
2-Nitrophenol	ND	*+	10.1	1.18	ug/L		11/09/25 14:00	11/11/25 20:26	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		11/09/25 14:00	11/11/25 20:26	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		11/09/25 14:00	11/11/25 20:26	1
3-Nitroaniline	ND		10.1	0.956	ug/L		11/09/25 14:00	11/11/25 20:26	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		11/09/25 14:00	11/11/25 20:26	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/09/25 14:00	11/11/25 20:26	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		11/09/25 14:00	11/11/25 20:26	1
4-Chloroaniline	ND		10.1	0.584	ug/L		11/09/25 14:00	11/11/25 20:26	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/09/25 14:00	11/11/25 20:26	1
4-Nitroaniline	ND		10.1	3.52	ug/L		11/09/25 14:00	11/11/25 20:26	1
4-Nitrophenol	ND		10.1	2.76	ug/L		11/09/25 14:00	11/11/25 20:26	1
Acenaphthene	ND		10.1	0.634	ug/L		11/09/25 14:00	11/11/25 20:26	1
Acenaphthylene	ND		10.1	0.765	ug/L		11/09/25 14:00	11/11/25 20:26	1
Acetophenone	ND		10.1	3.22	ug/L		11/09/25 14:00	11/11/25 20:26	1
Anthracene	ND		10.1	0.916	ug/L		11/09/25 14:00	11/11/25 20:26	1
Atrazine	ND		10.1	1.14	ug/L		11/09/25 14:00	11/11/25 20:26	1
Benzaldehyde	ND		10.1	0.674	ug/L		11/09/25 14:00	11/11/25 20:26	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 14:00	11/11/25 20:26	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 20:26	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/09/25 14:00	11/11/25 20:26	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		11/09/25 14:00	11/11/25 20:26	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		11/09/25 14:00	11/11/25 20:26	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		11/09/25 14:00	11/11/25 20:26	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		11/09/25 14:00	11/11/25 20:26	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		11/09/25 14:00	11/11/25 20:26	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		11/09/25 14:00	11/11/25 20:26	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		11/09/25 14:00	11/11/25 20:26	1
Caprolactam	ND		10.1	2.42	ug/L		11/09/25 14:00	11/11/25 20:26	1
Carbazole	ND		10.1	0.322	ug/L		11/09/25 14:00	11/11/25 20:26	1
Chrysene	ND		10.1	1.21	ug/L		11/09/25 14:00	11/11/25 20:26	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/09/25 14:00	11/11/25 20:26	1
Dibenzofuran	ND		10.1	0.644	ug/L		11/09/25 14:00	11/11/25 20:26	1
Diethyl phthalate	ND		10.1	4.03	ug/L		11/09/25 14:00	11/11/25 20:26	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		11/09/25 14:00	11/11/25 20:26	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		11/09/25 14:00	11/11/25 20:26	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		11/09/25 14:00	11/11/25 20:26	1
Fluoranthene	ND		10.1	0.634	ug/L		11/09/25 14:00	11/11/25 20:26	1
Fluorene	ND		10.1	0.674	ug/L		11/09/25 14:00	11/11/25 20:26	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		11/09/25 14:00	11/11/25 20:26	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		11/09/25 14:00	11/11/25 20:26	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		11/09/25 14:00	11/11/25 20:26	1
Hexachloroethane	ND		10.1	0.534	ug/L		11/09/25 14:00	11/11/25 20:26	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 20:26	1
Isophorone	ND		10.1	0.805	ug/L		11/09/25 14:00	11/11/25 20:26	1
Naphthalene	ND		10.1	0.755	ug/L		11/09/25 14:00	11/11/25 20:26	1
Nitrobenzene	ND		10.1	0.604	ug/L		11/09/25 14:00	11/11/25 20:26	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		11/09/25 14:00	11/11/25 20:26	1

Client Sample ID: SW-9
Date Collected: 11/05/25 10:45
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		11/09/25 14:00	11/11/25 20:26	1
Pentachlorophenol	ND		10.1	2.82	ug/L		11/09/25 14:00	11/11/25 20:26	1
Phenanthrene	ND		10.1	0.745	ug/L		11/09/25 14:00	11/11/25 20:26	1
Phenol	ND		10.1	0.685	ug/L		11/09/25 14:00	11/11/25 20:26	1
Pyrene	ND		10.1	0.634	ug/L		11/09/25 14:00	11/11/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:26*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*11/09/25 14:00*	*11/11/25 20:26*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:26*	*1*
Nitrobenzene-d5 (Surr)	*106*		*22 - 150*	*11/09/25 14:00*	*11/11/25 20:26*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:26*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*11/09/25 14:00*	*11/11/25 20:26*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:32	1
Arsenic	**0.672**	**J**	4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:32	1
Chromium	**0.599**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:32	1
Copper	**2.70**		2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:32	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:32	1
Cobalt	**0.116**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:32	1
Barium	**46.8**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:32	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:32	1
Manganese	**24.3**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:32	1
Nickel	**1.31**	**J**	4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:32	1
Lead	**0.640**	**J**	2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:32	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:32	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:32	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:32	1
Vanadium	**0.679**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:32	1
Zinc	**5.89**		4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 09:49	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0830**	**J**	0.100	0.0100	mg/L			11/07/25 13:31	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:46	1
Nitrate as N (SM Nitrate by calc)	**0.0830**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**14.6**		5.00	1.40	mg/L			11/14/25 11:07	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-DUP
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 19:43	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 19:43	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 19:43	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 19:43	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 19:43	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 19:43	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 19:43	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 19:43	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 19:43	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 19:43	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 19:43	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 19:43	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 19:43	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 19:43	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 19:43	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 19:43	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 19:43	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 19:43	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 19:43	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 19:43	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 19:43	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 19:43	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 19:43	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 19:43	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 19:43	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 19:43	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 19:43	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 19:43	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 19:43	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 19:43	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 19:43	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 19:43	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 19:43	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 19:43	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 19:43	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 19:43	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 19:43	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 19:43	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 19:43	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 19:43	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 19:43	1

Client Sample ID: SW-DUP
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 19:43	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 19:43	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 19:43	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 19:43	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 19:43	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 19:43	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 19:43	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 19:43	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 19:43	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 19:43	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 19:43	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 19:43	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 19:43	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 19:43	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 19:43	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 19:43	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 19:43	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 19:43	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 19:43	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 19:43	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 19:43	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*11/14/25 19:43*	*1*
Dibromofluoromethane	*114*		*79 - 130*		*11/14/25 19:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/14/25 19:43*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/14/25 19:43*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.285	0.285	ug/L		11/08/25 10:41	11/11/25 21:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/08/25 10:41*	*11/11/25 21:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		11/09/25 14:00	11/11/25 20:59	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		11/09/25 14:00	11/11/25 20:59	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		11/09/25 14:00	11/11/25 20:59	1
2-Chlorophenol	ND		10.1	0.851	ug/L		11/09/25 14:00	11/11/25 20:59	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		11/09/25 14:00	11/11/25 20:59	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-DUP
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		11/09/25 14:00	11/11/25 20:59	1
2-Nitroaniline	ND		10.1	1.39	ug/L		11/09/25 14:00	11/11/25 20:59	1
2-Nitrophenol	ND	*+	10.1	1.19	ug/L		11/09/25 14:00	11/11/25 20:59	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		11/09/25 14:00	11/11/25 20:59	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		11/09/25 14:00	11/11/25 20:59	1
3-Nitroaniline	ND		10.1	0.963	ug/L		11/09/25 14:00	11/11/25 20:59	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		11/09/25 14:00	11/11/25 20:59	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		11/09/25 14:00	11/11/25 20:59	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		11/09/25 14:00	11/11/25 20:59	1
4-Chloroaniline	ND		10.1	0.588	ug/L		11/09/25 14:00	11/11/25 20:59	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		11/09/25 14:00	11/11/25 20:59	1
4-Nitroaniline	ND		10.1	3.55	ug/L		11/09/25 14:00	11/11/25 20:59	1
4-Nitrophenol	ND		10.1	2.78	ug/L		11/09/25 14:00	11/11/25 20:59	1
Acenaphthene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 20:59	1
Acenaphthylene	ND		10.1	0.770	ug/L		11/09/25 14:00	11/11/25 20:59	1
Acetophenone	ND		10.1	3.24	ug/L		11/09/25 14:00	11/11/25 20:59	1
Anthracene	ND		10.1	0.922	ug/L		11/09/25 14:00	11/11/25 20:59	1
Atrazine	ND		10.1	1.15	ug/L		11/09/25 14:00	11/11/25 20:59	1
Benzaldehyde	ND		10.1	0.679	ug/L		11/09/25 14:00	11/11/25 20:59	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 14:00	11/11/25 20:59	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 20:59	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		11/09/25 14:00	11/11/25 20:59	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 20:59	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 20:59	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		11/09/25 14:00	11/11/25 20:59	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		11/09/25 14:00	11/11/25 20:59	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		11/09/25 14:00	11/11/25 20:59	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 20:59	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 20:59	1
Caprolactam	ND		10.1	2.43	ug/L		11/09/25 14:00	11/11/25 20:59	1
Carbazole	ND		10.1	0.324	ug/L		11/09/25 14:00	11/11/25 20:59	1
Chrysene	ND		10.1	1.22	ug/L		11/09/25 14:00	11/11/25 20:59	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		11/09/25 14:00	11/11/25 20:59	1
Dibenzofuran	ND		10.1	0.649	ug/L		11/09/25 14:00	11/11/25 20:59	1
Diethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 20:59	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 20:59	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		11/09/25 14:00	11/11/25 20:59	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 20:59	1
Fluoranthene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 20:59	1
Fluorene	ND		10.1	0.679	ug/L		11/09/25 14:00	11/11/25 20:59	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 14:00	11/11/25 20:59	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		11/09/25 14:00	11/11/25 20:59	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		11/09/25 14:00	11/11/25 20:59	1
Hexachloroethane	ND		10.1	0.537	ug/L		11/09/25 14:00	11/11/25 20:59	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 20:59	1
Isophorone	ND		10.1	0.811	ug/L		11/09/25 14:00	11/11/25 20:59	1
Naphthalene	ND		10.1	0.760	ug/L		11/09/25 14:00	11/11/25 20:59	1
Nitrobenzene	ND		10.1	0.608	ug/L		11/09/25 14:00	11/11/25 20:59	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		11/09/25 14:00	11/11/25 20:59	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-DUP

Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		11/09/25 14:00	11/11/25 20:59	1
Pentachlorophenol	ND		10.1	2.84	ug/L		11/09/25 14:00	11/11/25 20:59	1
Phenanthrene	ND		10.1	0.750	ug/L		11/09/25 14:00	11/11/25 20:59	1
Phenol	ND		10.1	0.689	ug/L		11/09/25 14:00	11/11/25 20:59	1
Pyrene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:59*	*1*
2-Fluorobiphenyl (Surr)	*84*		*25 - 139*	*11/09/25 14:00*	*11/11/25 20:59*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:59*	*1*
Nitrobenzene-d5 (Surr)	*107*		*22 - 150*	*11/09/25 14:00*	*11/11/25 20:59*	*1*
Phenol-d5 (Surr)	*62*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:59*	*1*
Terphenyl-d14 (Surr)	*61*		*28 - 150*	*11/09/25 14:00*	*11/11/25 20:59*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:35	1
Arsenic	**0.685**	**J**	4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:35	1
Chromium	**0.995**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:35	1
Copper	**4.17**		2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:35	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:35	1
Cobalt	**0.225**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:35	1
Barium	**50.1**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:35	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:35	1
Manganese	**64.6**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:35	1
Nickel	**1.51**	**J**	4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:35	1
Lead	**0.976**	**J**	2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:35	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:35	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:35	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:35	1
Vanadium	**0.804**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:35	1
Zinc	**7.83**		4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 16:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 09:52	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0130**	**J**	0.100	0.0100	mg/L			11/07/25 13:32	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:47	1
Nitrate as N (SM Nitrate by calc)	**0.0130**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**15.1**		5.00	1.40	mg/L			11/14/25 11:09	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: TRIP BLANK
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 20:10	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 20:10	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 20:10	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 20:10	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 20:10	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 20:10	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 20:10	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 20:10	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 20:10	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 20:10	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 20:10	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 20:10	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 20:10	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 20:10	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 20:10	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 20:10	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 20:10	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 20:10	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 20:10	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 20:10	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 20:10	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 20:10	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 20:10	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 20:10	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 20:10	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 20:10	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 20:10	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 20:10	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 20:10	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 20:10	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 20:10	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 20:10	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 20:10	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 20:10	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 20:10	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 20:10	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 20:10	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 20:10	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 20:10	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 20:10	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 20:10	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 20:10	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: TRIP BLANK
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268088-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 20:10	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 20:10	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 20:10	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 20:10	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 20:10	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 20:10	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 20:10	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 20:10	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 20:10	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 20:10	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 20:10	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 20:10	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 20:10	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 20:10	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 20:10	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 20:10	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 20:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 20:10	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 20:10	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 20:10	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 20:10	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 20:10	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*11/14/25 20:10*	*1*
Dibromofluoromethane	*111*		*79 - 130*		*11/14/25 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*59 - 146*		*11/14/25 20:10*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/14/25 20:10*	*1*

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	**Client Sample ID**	**(10-140)**						
680-268088-1	SW-5	28						
680-268088-2	SW-6	27						
680-268088-3	SW-7	31						
680-268088-4	SW-8	30						
680-268088-5	SW-9	28						
680-268088-6	SW-DUP	30						
LCS 400-729840/2-A	Lab Control Sample	33						
LCSD 400-729840/3-A	Lab Control Sample Dup	31						
MB 400-729840/1-A	Method Blank	36						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730541/5
Matrix: Water
Analysis Batch: 730541

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 09:33	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 09:33	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 09:33	1
Bromomethane	ND		1.00	0.980	ug/L			11/14/25 09:33	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 09:33	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 09:33	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 09:33	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 09:33	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 09:33	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 09:33	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 09:33	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 09:33	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 09:33	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 09:33	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 09:33	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 09:33	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 09:33	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 09:33	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 09:33	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 09:33	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 09:33	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 09:33	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 09:33	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 09:33	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 09:33	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 09:33	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 09:33	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 09:33	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 09:33	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 09:33	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 09:33	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 09:33	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 09:33	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 09:33	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 09:33	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 09:33	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 09:33	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 09:33	1

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

Lab Sample ID: MB 400-730541/5
Matrix: Water
Analysis Batch: 730541

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 09:33	1
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 09:33	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 09:33	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 09:33	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 09:33	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 09:33	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 09:33	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 09:33	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 09:33	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 09:33	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 09:33	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 09:33	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 09:33	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 09:33	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 09:33	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 09:33	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 09:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 09:33	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 09:33	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 09:33	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 09:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/14/25 09:33*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*11/14/25 09:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*59 - 146*		*11/14/25 09:33*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/14/25 09:33*	*1*

Lab Sample ID: LCS 400-730541/1002
Matrix: Water
Analysis Batch: 730541

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	362.3	*+	ug/L		181	43 - 150
Benzene	50.0	47.72		ug/L		95	70 - 130
Bromobenzene	50.0	46.96		ug/L		94	70 - 132
Bromoform	50.0	42.51		ug/L		85	57 - 140
Bromomethane	50.0	78.98	*+	ug/L		158	10 - 150
2-Butanone (MEK)	200	192.3		ug/L		96	61 - 145
Carbon disulfide	50.0	34.13		ug/L		68	61 - 137
Carbon tetrachloride	50.0	47.09		ug/L		94	61 - 137
Chlorobenzene	50.0	47.55		ug/L		95	70 - 130
Chlorobromomethane	50.0	47.78		ug/L		96	70 - 130
Chlorodibromomethane	50.0	46.58		ug/L		93	67 - 135

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

Lab Sample ID: LCS 400-730541/1002
Matrix: Water
Analysis Batch: 730541

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	60.51		ug/L		121	55 - 141
Chloroform	50.0	51.59		ug/L		103	69 - 130
Chloromethane	50.0	76.65	*+	ug/L		153	58 - 137
2-Chlorotoluene	50.0	53.11		ug/L		106	70 - 130
4-Chlorotoluene	50.0	53.99		ug/L		108	70 - 130
cis-1,2-Dichloroethene	50.0	51.38		ug/L		103	68 - 130
cis-1,3-Dichloropropene	50.0	47.96		ug/L		96	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.09		ug/L		84	54 - 135
Dibromomethane	50.0	48.58		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	50.83		ug/L		102	67 - 130
1,3-Dichlorobenzene	50.0	50.18		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	50.80		ug/L		102	70 - 130
Dichlorobromomethane	50.0	50.43		ug/L		101	67 - 133
1,1-Dichloroethane	50.0	47.95		ug/L		96	70 - 130
1,2-Dichloroethane	50.0	53.94		ug/L		108	69 - 130
1,1-Dichloroethene	50.0	45.75		ug/L		92	63 - 134
1,2-Dichloropropane	50.0	52.43		ug/L		105	70 - 130
1,3-Dichloropropane	50.0	47.79		ug/L		96	70 - 130
2,2-Dichloropropane	50.0	47.30		ug/L		95	52 - 135
1,1-Dichloropropene	50.0	48.22		ug/L		96	70 - 130
Ethyl acetate	100	84.00		ug/L		84	34 - 150
Ethylbenzene	50.0	51.05		ug/L		102	70 - 130
Ethylene Dibromide	50.0	45.88		ug/L		92	70 - 130
Hexachlorobutadiene	50.0	55.15		ug/L		110	53 - 140
Hexane	50.0	38.44		ug/L		77	69 - 130
2-Hexanone	200	215.5		ug/L		108	65 - 137
Iodomethane	50.0	35.95		ug/L		72	27 - 150
Isopropylbenzene	50.0	52.19		ug/L		104	70 - 130
Isopropyl ether	50.0	52.33		ug/L		105	64 - 132
4-Isopropyltoluene	50.0	55.49		ug/L		111	65 - 130
Methylene Chloride	50.0	43.29		ug/L		87	66 - 135
4-Methyl-2-pentanone (MIBK)	200	231.0		ug/L		115	69 - 138
Methyl tert-butyl ether	50.0	44.01		ug/L		88	66 - 130
m-Xylene & p-Xylene	50.0	49.92		ug/L		100	70 - 130
Naphthalene	50.0	42.41		ug/L		85	47 - 149
n-Butylbenzene	50.0	61.56		ug/L		123	67 - 130
n-Heptane	50.0	48.61		ug/L		97	70 - 130
N-Propylbenzene	50.0	52.48		ug/L		105	70 - 130
o-Xylene	50.0	50.10		ug/L		100	70 - 130
sec-Butylbenzene	50.0	56.41		ug/L		113	66 - 130
Styrene	50.0	49.19		ug/L		98	70 - 130
tert-Butylbenzene	50.0	55.88		ug/L		112	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.33		ug/L		93	67 - 131
1,1,2,2-Tetrachloroethane	50.0	48.87		ug/L		98	70 - 131
Tetrachloroethene	50.0	45.90		ug/L		92	65 - 130
Toluene	50.0	46.42		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	58.30		ug/L		117	57 - 140
trans-1,2-Dichloroethene	50.0	41.19		ug/L		82	70 - 130
trans-1,3-Dichloropropene	50.0	48.05		ug/L		96	63 - 130

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

Lab Sample ID: LCS 400-730541/1002
Matrix: Water
Analysis Batch: 730541

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	45.27		ug/L		91	60 - 138
1,2,4-Trichlorobenzene	50.0	48.19		ug/L		96	60 - 140
1,1,1-Trichloroethane	50.0	49.35		ug/L		99	68 - 130
1,1,2-Trichloroethane	50.0	48.35		ug/L		97	70 - 130
Trichloroethene	50.0	44.63		ug/L		89	70 - 130
Trichlorofluoromethane	50.0	64.35		ug/L		129	65 - 138
1,2,3-Trichloropropane	50.0	46.44		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.41		ug/L		93	60 - 139
1,2,4-Trimethylbenzene	50.0	54.18		ug/L		108	70 - 130
1,3,5-Trimethylbenzene	50.0	53.11		ug/L		106	69 - 130
Vinyl acetate	100	101.3		ug/L		101	26 - 150
Vinyl chloride	50.0	56.78		ug/L		114	59 - 136
Xylenes, Total	100	100.0		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*56 - 136*
Dibromofluoromethane	*106*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*
Toluene-d8 (Surr)	*99*		*64 - 132*

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 14:00	11/11/25 12:56	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 12:56	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 12:56	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 12:56	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 12:56	1

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 12:56	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 12:56	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 12:56	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 12:56	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 12:56	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
2-Fluorobiphenyl (Surr)	*88*		*25 - 139*	*11/09/25 14:00*	*11/11/25 12:56*	*1*

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	91		10 - 150	11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene-d5 (Surr)	120		22 - 150	11/09/25 14:00	11/11/25 12:56	1
Phenol-d5 (Surr)	90		10 - 150	11/09/25 14:00	11/11/25 12:56	1
Terphenyl-d14 (Surr)	84		28 - 150	11/09/25 14:00	11/11/25 12:56	1

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.11		ug/L		57	27 - 120
2,4,5-Trichlorophenol	33.3	24.25		ug/L		73	27 - 136
2,4,6-Trichlorophenol	33.3	24.96		ug/L		75	21 - 132
2,4-Dichlorophenol	33.3	24.87		ug/L		75	30 - 125
2,4-Dimethylphenol	33.3	20.41		ug/L		61	10 - 142
2,4-Dinitrophenol	66.7	66.68		ug/L		100	10 - 150
2,4-Dinitrotoluene	33.3	35.63		ug/L		107	30 - 129
2,6-Dinitrotoluene	33.3	41.04		ug/L		123	34 - 132
2-Chloronaphthalene	33.3	18.77		ug/L		56	10 - 150
2-Chlorophenol	33.3	24.66		ug/L		74	28 - 127
2-Methylnaphthalene	33.3	18.25		ug/L		55	24 - 150
2-Methylphenol	33.3	26.11		ug/L		78	11 - 121
2-Nitroaniline	33.3	41.72		ug/L		125	31 - 141
2-Nitrophenol	33.3	50.69	*+	ug/L		152	31 - 142
3 & 4 Methylphenol	33.3	23.97		ug/L		72	10 - 150
3,3'-Dichlorobenzidine	66.7	24.53		ug/L		37	10 - 150
3-Nitroaniline	33.3	35.88		ug/L		108	33 - 136
4,6-Dinitro-2-methylphenol	66.7	89.48		ug/L		134	10 - 150
4-Bromophenyl phenyl ether	33.3	22.80		ug/L		68	24 - 120
4-Chloro-3-methylphenol	33.3	25.71		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.91		ug/L		78	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.73		ug/L		68	31 - 110
4-Nitroaniline	33.3	35.46		ug/L		106	37 - 139
4-Nitrophenol	66.7	64.13		ug/L		96	10 - 150
Acenaphthene	33.3	21.70		ug/L		65	29 - 150
Acenaphthylene	33.3	21.02		ug/L		63	30 - 150
Acetophenone	33.3	23.42		ug/L		70	27 - 119
Anthracene	33.3	25.81		ug/L		77	31 - 150
Atrazine	33.3	22.66		ug/L		68	10 - 150
Benzaldehyde	33.3	18.82		ug/L		56	10 - 150
Benzo[a]anthracene	33.3	22.37		ug/L		67	36 - 150
Benzo[a]pyrene	33.3	24.44		ug/L		73	29 - 150
Benzo[b]fluoranthene	33.3	22.70		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	25.26		ug/L		76	28 - 150
Benzo[k]fluoranthene	33.3	25.79		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.76		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.26		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	23.80		ug/L		71	32 - 114

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

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	33.3	23.15		ug/L		69	24 - 133
Butyl benzyl phthalate	33.3	24.20		ug/L		73	24 - 140
Caprolactam	33.3	28.73		ug/L		86	10 - 150
Carbazole	33.3	26.40		ug/L		79	28 - 123
Chrysene	33.3	22.80		ug/L		68	34 - 150
Dibenz(a,h)anthracene	33.3	23.71		ug/L		71	29 - 150
Dibenzofuran	33.3	23.86		ug/L		72	35 - 110
Diethyl phthalate	33.3	15.06		ug/L		45	31 - 118
Dimethyl phthalate	33.3	15.53		ug/L		47	24 - 125
Di-n-butyl phthalate	33.3	21.33		ug/L		64	30 - 127
Di-n-octyl phthalate	33.3	25.13		ug/L		75	28 - 142
Fluoranthene	33.3	27.29		ug/L		82	30 - 150
Fluorene	33.3	23.06		ug/L		69	30 - 150
Hexachlorobenzene	33.3	25.47		ug/L		76	29 - 113
Hexachlorobutadiene	33.3	7.418	J	ug/L		22	10 - 117
Hexachlorocyclopentadiene	33.3	8.691	J	ug/L		26	10 - 150
Hexachloroethane	33.3	9.070	J	ug/L		27	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.91		ug/L		66	28 - 150
Isophorone	33.3	23.33		ug/L		70	29 - 125
Naphthalene	33.3	18.89		ug/L		57	27 - 150
Nitrobenzene	33.3	30.97		ug/L		93	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.77		ug/L		65	50 - 134
N-Nitrosodiphenylamine	33.1	25.70		ug/L		78	50 - 132
Pentachlorophenol	66.7	65.92		ug/L		99	14 - 150
Phenanthrene	33.3	25.19		ug/L		76	32 - 150
Phenol	33.3	21.48		ug/L		64	10 - 150
Pyrene	33.3	26.87		ug/L		81	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 150*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*
2-Fluorophenol (Surr)	*70*		*10 - 150*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*
Phenol-d5 (Surr)	*70*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-729840/1-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/08/25 10:41	11/11/25 15:19	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 140*	*11/08/25 10:41*	*11/11/25 15:19*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 400-729840/2-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729840

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	18.33		ug/L		115	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*10 - 140*

Lab Sample ID: LCSD 400-729840/3-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729840

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.61		ug/L		110	30 - 150	4	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*31*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186637/3-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.900	0.0333	ug/L		11/10/25 09:50	11/10/25 23:00	1
Arsenic	ND		3.60	0.351	ug/L		11/10/25 09:50	11/10/25 23:00	1
Chromium	ND		1.80	0.349	ug/L		11/10/25 09:50	11/10/25 23:00	1
Copper	ND		1.80	0.579	ug/L		11/10/25 09:50	11/10/25 23:00	1
Cadmium	ND		1.80	0.221	ug/L		11/10/25 09:50	11/10/25 23:00	1
Cobalt	ND		1.80	0.0918	ug/L		11/10/25 09:50	11/10/25 23:00	1
Barium	ND		3.60	0.331	ug/L		11/10/25 09:50	11/10/25 23:00	1
Beryllium	ND		0.900	0.288	ug/L		11/10/25 09:50	11/10/25 23:00	1
Manganese	ND		0.900	0.888	ug/L		11/10/25 09:50	11/10/25 23:00	1
Nickel	ND		3.60	0.824	ug/L		11/10/25 09:50	11/10/25 23:00	1
Lead	ND		1.80	0.219	ug/L		11/10/25 09:50	11/10/25 23:00	1
Antimony	ND		1.80	0.366	ug/L		11/10/25 09:50	11/10/25 23:00	1
Selenium	ND		3.60	0.435	ug/L		11/10/25 09:50	11/10/25 23:00	1
Thallium	ND		0.900	0.314	ug/L		11/10/25 09:50	11/10/25 23:00	1
Vanadium	ND		1.80	0.437	ug/L		11/10/25 09:50	11/10/25 23:00	1
Zinc	ND		3.60	1.16	ug/L		11/10/25 09:50	11/10/25 23:00	1

Lab Sample ID: LCS 670-186637/1-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			100	93.82		ug/L		94	80 - 120		
Arsenic			100	98.33		ug/L		98	80 - 120		
Chromium			100	97.87		ug/L		98	80 - 120		
Copper			100	96.27		ug/L		96	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 670-186637/1-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	89.75		ug/L		90	80 - 120
Cobalt	100	94.10		ug/L		94	80 - 120
Barium	100	90.35		ug/L		90	80 - 120
Beryllium	100	106.5		ug/L		107	80 - 120
Manganese	1100	1166		ug/L		106	80 - 120
Nickel	100	97.08		ug/L		97	80 - 120
Lead	100	91.15		ug/L		91	80 - 120
Antimony	100	93.17		ug/L		93	80 - 120
Selenium	100	94.07		ug/L		94	80 - 120
Thallium	100	92.44		ug/L		92	80 - 120
Vanadium	100	98.15		ug/L		98	80 - 120
Zinc	100	96.55		ug/L		97	80 - 120

Lab Sample ID: LCSD 670-186637/2-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	100	93.46		ug/L		93	80 - 120	0	20
Arsenic	100	99.77		ug/L		100	80 - 120	1	20
Chromium	100	97.79		ug/L		98	80 - 120	0	20
Copper	100	97.07		ug/L		97	80 - 120	1	20
Cadmium	100	88.88		ug/L		89	80 - 120	1	20
Cobalt	100	94.18		ug/L		94	80 - 120	0	20
Barium	100	89.48		ug/L		89	80 - 120	1	20
Beryllium	100	105.3		ug/L		105	80 - 120	1	20
Manganese	1100	1149		ug/L		104	80 - 120	1	20
Nickel	100	98.09		ug/L		98	80 - 120	1	20
Lead	100	91.00		ug/L		91	80 - 120	0	20
Antimony	100	93.19		ug/L		93	80 - 120	0	20
Selenium	100	94.79		ug/L		95	80 - 120	1	20
Thallium	100	93.08		ug/L		93	80 - 120	1	20
Vanadium	100	97.52		ug/L		98	80 - 120	1	20
Zinc	100	96.46		ug/L		96	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 670-186701/13-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 13:15	11/11/25 15:56	1

Lab Sample ID: LCS 670-186701/11-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.220		ug/L		104	85 - 115

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCSD 670-186701/12-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186701

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			5.00	5.120		ug/L		102	85 - 115	2	20

Lab Sample ID: 680-268088-1 MS
Matrix: Water
Analysis Batch: 187035

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 186701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		5.00	5.090		ug/L		102	80 - 120

Lab Sample ID: 680-268088-1 MSD
Matrix: Water
Analysis Batch: 187035

Client Sample ID: SW-5
Prep Type: Total/NA
Prep Batch: 186701

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		5.00	4.990		ug/L		100	80 - 120	2	20

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887075/13
Matrix: Water
Analysis Batch: 887075

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/07/25 09:25	1

Lab Sample ID: MB 680-887075/34
Matrix: Water
Analysis Batch: 887075

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/07/25 10:34	1

Lab Sample ID: LCS 680-887075/14
Matrix: Water
Analysis Batch: 887075

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia			1.00	1.015		mg/L		102	90 - 110

Lab Sample ID: LCS 680-887075/35
Matrix: Water
Analysis Batch: 887075

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia			1.00	0.9700		mg/L		97	90 - 110

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 680-268088-1 MS
Matrix: Water
Analysis Batch: 887075

Client Sample ID: SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	ND		1.00	0.9886		mg/L		99	90 - 110		

Lab Sample ID: 680-268088-1 MSD
Matrix: Water
Analysis Batch: 887075

Client Sample ID: SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	1.085		mg/L		108	90 - 110	9	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrite

Lab Sample ID: MB 680-887065/13
Matrix: Water
Analysis Batch: 887065

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0100	mg/L			11/06/25 17:27	1

Lab Sample ID: LCS 680-887065/14
Matrix: Water
Analysis Batch: 887065

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N			0.500	0.4950		mg/L		99	90 - 110		

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887078/14
Matrix: Water
Analysis Batch: 887078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/07/25 12:49	1

Lab Sample ID: LCS 680-887078/15
Matrix: Water
Analysis Batch: 887078

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	0.9310		mg/L		93	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-730647/12
Matrix: Water
Analysis Batch: 730647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/14/25 10:58	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-730647/13
Matrix: Water
Analysis Batch: 730647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.29		mg/L		95	90 - 110

Lab Sample ID: MRL 400-730647/14
Matrix: Water
Analysis Batch: 730647

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	3.751	J	mg/L		75	50 - 150

Lab Sample ID: 680-268088-5 MS
Matrix: Water
Analysis Batch: 730647

Client Sample ID: SW-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	14.6		10.0	24.44		mg/L		99	77 - 128

Lab Sample ID: 680-268088-5 MSD
Matrix: Water
Analysis Batch: 730647

Client Sample ID: SW-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	14.6		10.0	23.85		mg/L		93	77 - 128	2	5

GC/MS VOA

Analysis Batch: 730541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	8260D	
680-268088-2	SW-6	Total/NA	Water	8260D	
680-268088-3	SW-7	Total/NA	Water	8260D	
680-268088-4	SW-8	Total/NA	Water	8260D	
680-268088-5	SW-9	Total/NA	Water	8260D	
680-268088-6	SW-DUP	Total/NA	Water	8260D	
680-268088-7	TRIP BLANK	Total/NA	Water	8260D	
MB 400-730541/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730541/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	3510C	
680-268088-2	SW-6	Total/NA	Water	3510C	
680-268088-3	SW-7	Total/NA	Water	3510C	
680-268088-4	SW-8	Total/NA	Water	3510C	
680-268088-5	SW-9	Total/NA	Water	3510C	
680-268088-6	SW-DUP	Total/NA	Water	3510C	
MB 400-729840/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729840/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729840/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 729868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	3511	
680-268088-2	SW-6	Total/NA	Water	3511	
680-268088-3	SW-7	Total/NA	Water	3511	
680-268088-4	SW-8	Total/NA	Water	3511	
680-268088-5	SW-9	Total/NA	Water	3511	
680-268088-6	SW-DUP	Total/NA	Water	3511	
MB 400-729868/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 730060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	8270E	729868
680-268088-2	SW-6	Total/NA	Water	8270E	729868
680-268088-3	SW-7	Total/NA	Water	8270E	729868
680-268088-4	SW-8	Total/NA	Water	8270E	729868
680-268088-5	SW-9	Total/NA	Water	8270E	729868
680-268088-6	SW-DUP	Total/NA	Water	8270E	729868
MB 400-729868/1-A	Method Blank	Total/NA	Water	8270E	729868
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	8270E	729868

Analysis Batch: 730076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	8270E SIM ID	729840
680-268088-2	SW-6	Total/NA	Water	8270E SIM ID	729840
680-268088-3	SW-7	Total/NA	Water	8270E SIM ID	729840

GC/MS Semi VOA (Continued)

Analysis Batch: 730076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-4	SW-8	Total/NA	Water	8270E SIM ID	729840
680-268088-5	SW-9	Total/NA	Water	8270E SIM ID	729840
680-268088-6	SW-DUP	Total/NA	Water	8270E SIM ID	729840
MB 400-729840/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729840
LCS 400-729840/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729840
LCSD 400-729840/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729840

Metals

Prep Batch: 186637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total Recoverable	Water	3005A	
680-268088-2	SW-6	Total Recoverable	Water	3005A	
680-268088-3	SW-7	Total Recoverable	Water	3005A	
680-268088-4	SW-8	Total Recoverable	Water	3005A	
680-268088-5	SW-9	Total Recoverable	Water	3005A	
680-268088-6	SW-DUP	Total Recoverable	Water	3005A	
MB 670-186637/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-186637/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-186637/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 186701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	7470A	
680-268088-2	SW-6	Total/NA	Water	7470A	
680-268088-3	SW-7	Total/NA	Water	7470A	
680-268088-4	SW-8	Total/NA	Water	7470A	
680-268088-5	SW-9	Total/NA	Water	7470A	
680-268088-6	SW-DUP	Total/NA	Water	7470A	
MB 670-186701/13-A	Method Blank	Total/NA	Water	7470A	
LCS 670-186701/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 670-186701/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
680-268088-1 MS	SW-5	Total/NA	Water	7470A	
680-268088-1 MSD	SW-5	Total/NA	Water	7470A	

Analysis Batch: 186903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total Recoverable	Water	6020B	186637
680-268088-2	SW-6	Total Recoverable	Water	6020B	186637
680-268088-3	SW-7	Total Recoverable	Water	6020B	186637
680-268088-4	SW-8	Total Recoverable	Water	6020B	186637
680-268088-5	SW-9	Total Recoverable	Water	6020B	186637
680-268088-6	SW-DUP	Total Recoverable	Water	6020B	186637
MB 670-186637/3-A	Method Blank	Total Recoverable	Water	6020B	186637
LCS 670-186637/1-A	Lab Control Sample	Total Recoverable	Water	6020B	186637
LCSD 670-186637/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	186637

Analysis Batch: 187035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	7470A	186701
680-268088-2	SW-6	Total/NA	Water	7470A	186701

Metals (Continued)

Analysis Batch: 187035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-3	SW-7	Total/NA	Water	7470A	186701
680-268088-4	SW-8	Total/NA	Water	7470A	186701
680-268088-5	SW-9	Total/NA	Water	7470A	186701
680-268088-6	SW-DUP	Total/NA	Water	7470A	186701
MB 670-186701/13-A	Method Blank	Total/NA	Water	7470A	186701
LCS 670-186701/11-A	Lab Control Sample	Total/NA	Water	7470A	186701
LCSD 670-186701/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	186701
680-268088-1 MS	SW-5	Total/NA	Water	7470A	186701
680-268088-1 MSD	SW-5	Total/NA	Water	7470A	186701

General Chemistry

Analysis Batch: 730647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	SM 4500 SO4 E	
680-268088-2	SW-6	Total/NA	Water	SM 4500 SO4 E	
680-268088-3	SW-7	Total/NA	Water	SM 4500 SO4 E	
680-268088-4	SW-8	Total/NA	Water	SM 4500 SO4 E	
680-268088-5	SW-9	Total/NA	Water	SM 4500 SO4 E	
680-268088-6	SW-DUP	Total/NA	Water	SM 4500 SO4 E	
MB 400-730647/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730647/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730647/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
680-268088-5 MS	SW-9	Total/NA	Water	SM 4500 SO4 E	
680-268088-5 MSD	SW-9	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	353.2-1993 R2.0	
680-268088-2	SW-6	Total/NA	Water	353.2-1993 R2.0	
680-268088-3	SW-7	Total/NA	Water	353.2-1993 R2.0	
680-268088-4	SW-8	Total/NA	Water	353.2-1993 R2.0	
680-268088-5	SW-9	Total/NA	Water	353.2-1993 R2.0	
680-268088-6	SW-DUP	Total/NA	Water	353.2-1993 R2.0	
MB 680-887065/13	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887065/14	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	350.1-1993 R2.0	
680-268088-2	SW-6	Total/NA	Water	350.1-1993 R2.0	
680-268088-3	SW-7	Total/NA	Water	350.1-1993 R2.0	
680-268088-4	SW-8	Total/NA	Water	350.1-1993 R2.0	
680-268088-5	SW-9	Total/NA	Water	350.1-1993 R2.0	
680-268088-6	SW-DUP	Total/NA	Water	350.1-1993 R2.0	
MB 680-887075/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887075/34	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887075/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887075/35	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
680-268088-1 MS	SW-5	Total/NA	Water	350.1-1993 R2.0	
680-268088-1 MSD	SW-5	Total/NA	Water	350.1-1993 R2.0	

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

General Chemistry

Analysis Batch: 887078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	353.2-1993 R2.0	
680-268088-2	SW-6	Total/NA	Water	353.2-1993 R2.0	
680-268088-3	SW-7	Total/NA	Water	353.2-1993 R2.0	
680-268088-4	SW-8	Total/NA	Water	353.2-1993 R2.0	
680-268088-5	SW-9	Total/NA	Water	353.2-1993 R2.0	
680-268088-6	SW-DUP	Total/NA	Water	353.2-1993 R2.0	
MB 680-887078/14	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887078/15	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268088-1	SW-5	Total/NA	Water	Nitrate by calc	
680-268088-2	SW-6	Total/NA	Water	Nitrate by calc	
680-268088-3	SW-7	Total/NA	Water	Nitrate by calc	
680-268088-4	SW-8	Total/NA	Water	Nitrate by calc	
680-268088-5	SW-9	Total/NA	Water	Nitrate by calc	
680-268088-6	SW-DUP	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-5

Lab Sample ID: 680-268088-1

Date Collected: 11/05/25 14:40

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 17:31	RSG	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			30.1 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			730060	11/11/25 18:19	JAW	EET PEN
	Instrument ID: Gru									
Total/NA	Prep	3510C			257.8 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 19:13	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:17	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186701	11/10/25 13:15	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 16:01	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 12:48	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:41	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:23	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:04	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: SW-6

Lab Sample ID: 680-268088-2

Date Collected: 11/05/25 13:20

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 17:57	RSG	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			30 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			730060	11/11/25 18:51	JAW	EET PEN
	Instrument ID: Gru									
Total/NA	Prep	3510C			238.6 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 19:35	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:20	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186701	11/10/25 13:15	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 16:03	EB	EET ORL
	Instrument ID: HG_001									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-268088-1
Project/Site: Lyon Park

Client Sample ID: SW-6
Lab Sample ID: 680-268088-2
Date Collected: 11/05/25 13:20
Matrix: Water
Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 09:41	DJ	EET SAV
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:43	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:25	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:05	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: SW-7
Lab Sample ID: 680-268088-3
Date Collected: 11/05/25 12:45
Matrix: Water
Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 18:24	RSG	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.6 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			730060	11/11/25 19:23	JAW	EET PEN
	Instrument ID: Gru									
Total/NA	Prep	3510C			258.2 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 19:56	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:25	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186701	11/10/25 13:15	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 16:04	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 09:44	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:44	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:27	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:05	CJK	EET PEN
	Instrument ID: Dr_Strange									

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-8

Lab Sample ID: 680-268088-4

Date Collected: 11/05/25 11:30

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 18:50	RSG	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.7 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			730060	11/11/25 19:54	JAW	EET PEN
	Instrument ID: Gru									
Total/NA	Prep	3510C			259.2 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 20:17	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:27	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186701	11/10/25 13:15	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 16:06	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 09:46	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:45	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:29	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:06	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: SW-9

Lab Sample ID: 680-268088-5

Date Collected: 11/05/25 10:45

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 19:17	RSG	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.8 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			730060	11/11/25 20:26	JAW	EET PEN
	Instrument ID: Gru									
Total/NA	Prep	3510C			261.4 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 20:38	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:32	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186701	11/10/25 13:15	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 16:07	EB	EET ORL
	Instrument ID: HG_001									

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Client Sample ID: SW-9

Lab Sample ID: 680-268088-5

Date Collected: 11/05/25 10:45

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 09:49	DJ	EET SAV
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:46	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:31	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:07	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: SW-DUP

Lab Sample ID: 680-268088-6

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 19:43	RSG	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.6 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			730060	11/11/25 20:59	JAW	EET PEN
	Instrument ID: Gru									
Total/NA	Prep	3510C			263 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 21:00	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:35	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186701	11/10/25 13:15	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 16:08	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 09:52	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:47	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:32	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:09	CJK	EET PEN
	Instrument ID: Dr_Strange									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-268088-1
Project/Site: Lyon Park

Client Sample ID: TRIP BLANK
Lab Sample ID: 680-268088-7

Date Collected: 11/05/25 00:00
Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730541	11/14/25 20:10	RSG	EET PEN
	Instrument ID: CH_WASP									

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 680-268088-1
Project/Site: Lyon Park

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Laboratory: Eurofins Orlando

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	12-31-25

Laboratory: Eurofins Pensacola

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268088-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ORL
7470A	Mercury (CVAA)	SW846	EET ORL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ORL

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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 ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: (904) 303-9791	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N		
SW-5	11/5/25	1440	G	W			X	X	X	X	X	X	X		
SW-6		1320	G	W			X	X	X	X	X	X	X		
SW-7		1245	G	W			X	X	X	X	X	X	X		
SW-8		1130	G	W			X	X	X	X	X	X	X		
SW-9		1045	G	W			X	X	X	X	X	X	X		
SW-DUP		—	G	W			X	X	X	X	X	X	X		
TRIP BLANK															

680-268088 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11/5/25 1605	S&ME	[signature]	11/5/25 1604	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	11/6/25 1015	Eurofins
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: 1.9 | 1.5 | 0.4 | 0.8

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404
Phone 912-354-7858 Fax 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 680-806408 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 680-268088-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/17/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5030CVOC NC 02L List	8270E_CQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
SW-5 (680-268088-1)	11/5/25	14.40 Eastern	G	Water			X	X	X	X		
SW-6 (680-268088-2)	11/5/25	13 20 Eastern	G	Water			X	X	X	X		
SW-7 (680-268088-3)	11/5/25	12.45 Eastern	G	Water			X	X	X	X		
SW-8 (680-268088-4)	11/5/25	11 30 Eastern	G	Water			X	X	X	X		
SW-9 (680-268088-5)	11/5/25	10.45 Eastern	G	Water			X	X	X	X		
SW-DUP (680-268088-6)	11/5/25	Eastern	G	Water			X	X	X	X		
TRIP BLANK (680-268088-7)	11/5/25	Eastern	G	Water			X					

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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:

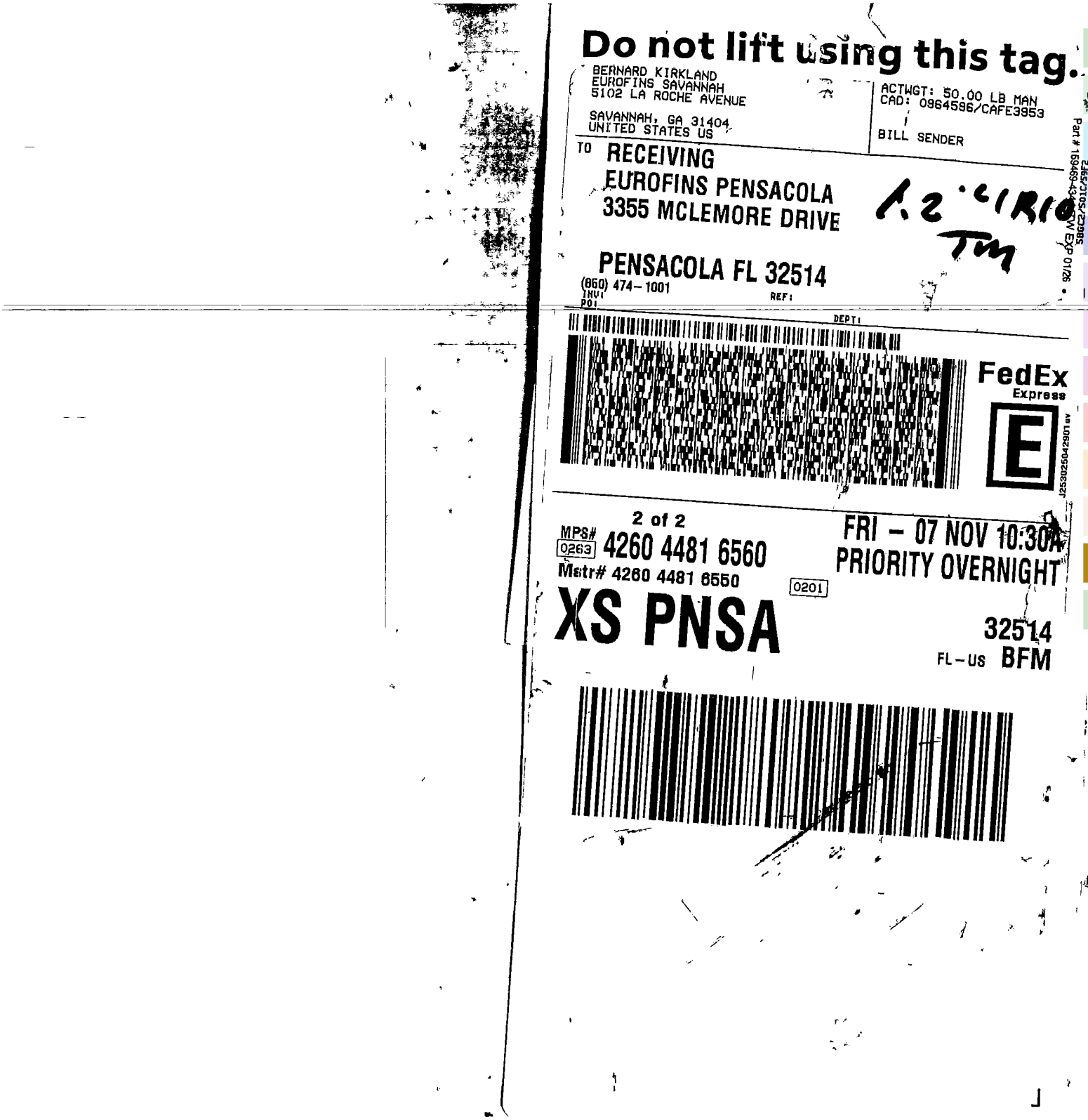
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
C.Mrnuo	11/6/25 1555	Eurofins			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/7/25 0924	Company: ECTS

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 10/10/2024

11/17/2025


Do not lift using this tag.
BERNARD KIRKLAND
EUROFINS SAVANNA
5102 LA ROCHE AV
SAVANNAH, GA 31404
UNITED STATES US
ACTWGT: 50.00 LB MAN
CAD: 0964596/CAFE3953
BILL SENDER
TO RECEIVING
EUROFINS PENSACOLA
3355 MCLEMORE DRIVE
PENSACOLA FL 32514
(850) 474-1001
REF:
INV:
PO:
DEPT:
FedEx
Express
1 of 2
TRK# 0201 4260 6550
FRI - 07 NOV 10:30A
PRIORITY OVERNIGHT
MASTER
XS PNSA
32514
FL-US BFM


Do not lift using this tag.
BERNARD KIRKLAND
EUROFINS SAVANNAH
5102 LA ROCHE AVENUE
SAVANNAH, GA 31404
UNITED STATES US
ACTWGT: 50.00 LB MAN
CAD: 0964596/CAFE3953
BILL SENDER
TO RECEIVING
EUROFINS PENSACOLA
3355 MCLEMORE DRIVE
PENSACOLA FL 32514
(850) 474-1001
INV:
PO:
REF:
DEPT:
FedEx
Express
2 of 2
MPS# 0263 4260 4481 6560
Mstr# 4260 4481 6550
0201
FRI - 07 NOV 10:30A
PRIORITY OVERNIGHT
XS PNSA
32514
FL-US BFM

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-268088-1

Login Number: 268088

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

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.	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-268088-1

Login Number: 268088
List Number: 4
Creator: Santiago, Edwin

List Source: Eurofins Orlando
List Creation: 11/08/25 11:31 AM

Question	Answer	Comment
The cooler or samples do not appear to have been compromised or tampered with	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature 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.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, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-268088-1

Login Number: 268088
List Number: 3
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola
List Creation: 11/08/25 09:22 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	1.2°C, 0.0°C IR10
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 11/20/2025 8:26:22 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

680-268085-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
11/20/2025 8:26:22 AM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
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.

General Chemistry

Qualifier	Qualifier Description
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.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
680-268085-1	MW-6	Water	11/05/25 12:25	11/06/25 10:15	North Carolina
680-268085-2	MW-7	Water	11/05/25 13:15	11/06/25 10:15	North Carolina
680-268085-3	AMW-1	Water	11/05/25 10:33	11/06/25 10:15	North Carolina
680-268085-4	A-MW-2	Water	11/05/25 11:35	11/06/25 10:15	North Carolina
680-268085-5	A-MW-3	Water	11/05/25 14:05	11/06/25 10:15	North Carolina
680-268085-6	A-MW-4	Water	11/05/25 13:47	11/06/25 10:15	North Carolina
680-268085-7	A-MW-6	Water	11/05/25 11:10	11/06/25 10:15	North Carolina
680-268085-8	110525-DUP-1	Water	11/05/25 00:00	11/06/25 10:15	North Carolina
680-268085-9	TRIP BLANK-1	Water	11/05/25 00:00	11/06/25 10:15	North Carolina
680-268085-10	TRIP BLANK-2	Water	11/05/25 00:00	11/06/25 10:15	North Carolina

Job Narrative
680-268085-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/6/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0°C and 1.5°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730709 recovered outside control limits for the following analytes: Acetone, Bromomethane and n-Butylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730935 recovered outside control limits for the following analytes: Acetone, Bromomethane and Chloromethane. 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.

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729868 and analytical batch 400-730060 recovered outside control limits for the following analyte: 2-Nitrophenol. This analyte was biased high in the LCS 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.

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

General Chemistry
Method 353.2_Nitrite: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for analytical batch 680-887065. The associated laboratory control sample (LCS) met acceptance criteria.

Method SM4500_SO4_E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: A-MW-3 (680-268085-5), A-MW-6 (680-268085-7) and 110525-DUP-1 (680-268085-8). 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.

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: MW-6
Date Collected: 11/05/25 12:25
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/18/25 15:32	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 15:32	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 15:32	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 15:32	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/18/25 15:32	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 15:32	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 15:32	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 15:32	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 15:32	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 15:32	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 15:32	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 15:32	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 15:32	1
Chloromethane	ND	*+ F1	1.00	0.840	ug/L			11/18/25 15:32	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 15:32	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 15:32	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 15:32	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 15:32	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 15:32	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 15:32	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 15:32	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 15:32	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 15:32	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 15:32	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 15:32	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 15:32	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 15:32	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 15:32	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 15:32	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 15:32	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 15:32	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 15:32	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 15:32	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 15:32	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 15:32	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 15:32	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 15:32	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 15:32	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 15:32	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 15:32	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 15:32	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 15:32	1

Client Sample ID: MW-6
Date Collected: 11/05/25 12:25
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 15:32	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 15:32	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 15:32	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 15:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 15:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 15:32	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 15:32	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 15:32	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 15:32	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 15:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 15:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 15:32	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 15:32	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 15:32	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 15:32	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 15:32	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 15:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 15:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 15:32	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 15:32	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 15:32	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*56 - 136*		*11/18/25 15:32*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*11/18/25 15:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*		*11/18/25 15:32*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/18/25 15:32*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.276	0.276	ug/L		11/08/25 10:41	11/11/25 16:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*11/08/25 10:41*	*11/11/25 16:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 17:16	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 17:16	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 17:16	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 17:16	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 17:16	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: MW-6
Date Collected: 11/05/25 12:25
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 17:16	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 17:16	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/09/25 14:00	11/11/25 17:16	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 17:16	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 17:16	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 17:16	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 17:16	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 17:16	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 17:16	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 17:16	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 17:16	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 17:16	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 17:16	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 17:16	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 17:16	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 17:16	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 17:16	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 17:16	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 17:16	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 17:16	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 17:16	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 17:16	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 17:16	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 17:16	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 17:16	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 17:16	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 17:16	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 17:16	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 17:16	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 17:16	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 17:16	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 17:16	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 17:16	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 17:16	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 17:16	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 17:16	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 17:16	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 17:16	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 17:16	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 17:16	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 17:16	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 17:16	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 17:16	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 17:16	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 17:16	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 17:16	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 17:16	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 17:16	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 17:16	1

Client Sample ID: MW-6
Date Collected: 11/05/25 12:25
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 17:16	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 17:16	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 17:16	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 17:16	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*27*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:16*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*11/09/25 14:00*	*11/11/25 17:16*	*1*
2-Fluorophenol (Surr)	*32*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:16*	*1*
Nitrobenzene-d5 (Surr)	*95*		*22 - 150*	*11/09/25 14:00*	*11/11/25 17:16*	*1*
Phenol-d5 (Surr)	*18*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:16*	*1*
Terphenyl-d14 (Surr)	*63*		*28 - 150*	*11/09/25 14:00*	*11/11/25 17:16*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:22	11/10/25 21:44	1
Arsenic	**0.803**	**J**	4.00	0.390	ug/L		11/10/25 09:22	11/10/25 21:44	1
Chromium	**1.67**	**J**	2.00	0.388	ug/L		11/10/25 09:22	11/10/25 21:44	1
Copper	**2.06**	**B**	2.00	0.643	ug/L		11/10/25 09:22	11/10/25 21:44	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:22	11/10/25 21:44	1
Cobalt	**0.336**	**J**	2.00	0.102	ug/L		11/10/25 09:22	11/10/25 21:44	1
Barium	**186**		4.00	0.368	ug/L		11/10/25 09:22	11/10/25 21:44	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:22	11/10/25 21:44	1
Manganese	**43.0**		1.00	0.987	ug/L		11/10/25 09:22	11/10/25 21:44	1
Nickel	**1.15**	**J**	4.00	0.915	ug/L		11/10/25 09:22	11/10/25 21:44	1
Lead	**0.372**	**J**	2.00	0.243	ug/L		11/10/25 09:22	11/10/25 21:44	1
Antimony	**1.23**	**J**	2.00	0.407	ug/L		11/10/25 09:22	11/10/25 21:44	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:22	11/10/25 21:44	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:22	11/10/25 21:44	1
Vanadium	**2.99**		2.00	0.486	ug/L		11/10/25 09:22	11/10/25 21:44	1
Zinc	**1230**		20.0	6.45	ug/L		11/10/25 09:22	11/10/25 21:47	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 10:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.172**	**F1**	0.100	0.0100	mg/L			11/07/25 12:58	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0299**	**J F1**	0.100	0.0100	mg/L			11/06/25 17:29	1
Nitrate as N (SM Nitrate by calc)	**0.142**		0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**27.5**		5.00	1.40	mg/L			11/14/25 11:09	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: MW-7
Date Collected: 11/05/25 13:15
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/18/25 17:18	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 17:18	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 17:18	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 17:18	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/18/25 17:18	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 17:18	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 17:18	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 17:18	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 17:18	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 17:18	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 17:18	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 17:18	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 17:18	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/18/25 17:18	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 17:18	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 17:18	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 17:18	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 17:18	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 17:18	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 17:18	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 17:18	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 17:18	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 17:18	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 17:18	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 17:18	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 17:18	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 17:18	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 17:18	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 17:18	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 17:18	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 17:18	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 17:18	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 17:18	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 17:18	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 17:18	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 17:18	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 17:18	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 17:18	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 17:18	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 17:18	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 17:18	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 17:18	1

Client Sample ID: MW-7
Date Collected: 11/05/25 13:15
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 17:18	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 17:18	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 17:18	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 17:18	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 17:18	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 17:18	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 17:18	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 17:18	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 17:18	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 17:18	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 17:18	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 17:18	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 17:18	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 17:18	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 17:18	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 17:18	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 17:18	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 17:18	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 17:18	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 17:18	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 17:18	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/18/25 17:18*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*11/18/25 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*11/18/25 17:18*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/18/25 17:18*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		11/08/25 10:41	11/11/25 16:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*11/08/25 10:41*	*11/11/25 16:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		11/09/25 14:00	11/11/25 17:46	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		11/09/25 14:00	11/11/25 17:46	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		11/09/25 14:00	11/11/25 17:46	1
2-Chlorophenol	ND		9.97	0.837	ug/L		11/09/25 14:00	11/11/25 17:46	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		11/09/25 14:00	11/11/25 17:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: MW-7
Date Collected: 11/05/25 13:15
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.97	0.757	ug/L		11/09/25 14:00	11/11/25 17:46	1
2-Nitroaniline	ND		9.97	1.37	ug/L		11/09/25 14:00	11/11/25 17:46	1
2-Nitrophenol	ND	*+	9.97	1.17	ug/L		11/09/25 14:00	11/11/25 17:46	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		11/09/25 14:00	11/11/25 17:46	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		11/09/25 14:00	11/11/25 17:46	1
3-Nitroaniline	ND		9.97	0.947	ug/L		11/09/25 14:00	11/11/25 17:46	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		11/09/25 14:00	11/11/25 17:46	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		11/09/25 14:00	11/11/25 17:46	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		11/09/25 14:00	11/11/25 17:46	1
4-Chloroaniline	ND		9.97	0.578	ug/L		11/09/25 14:00	11/11/25 17:46	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		11/09/25 14:00	11/11/25 17:46	1
4-Nitroaniline	ND		9.97	3.49	ug/L		11/09/25 14:00	11/11/25 17:46	1
4-Nitrophenol	ND		9.97	2.73	ug/L		11/09/25 14:00	11/11/25 17:46	1
Acenaphthene	ND		9.97	0.628	ug/L		11/09/25 14:00	11/11/25 17:46	1
Acenaphthylene	ND		9.97	0.757	ug/L		11/09/25 14:00	11/11/25 17:46	1
Acetophenone	ND		9.97	3.19	ug/L		11/09/25 14:00	11/11/25 17:46	1
Anthracene	ND		9.97	0.907	ug/L		11/09/25 14:00	11/11/25 17:46	1
Atrazine	ND		9.97	1.13	ug/L		11/09/25 14:00	11/11/25 17:46	1
Benzaldehyde	ND		9.97	0.668	ug/L		11/09/25 14:00	11/11/25 17:46	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		11/09/25 14:00	11/11/25 17:46	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		11/09/25 14:00	11/11/25 17:46	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		11/09/25 14:00	11/11/25 17:46	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		11/09/25 14:00	11/11/25 17:46	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		11/09/25 14:00	11/11/25 17:46	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		11/09/25 14:00	11/11/25 17:46	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		11/09/25 14:00	11/11/25 17:46	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		11/09/25 14:00	11/11/25 17:46	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 17:46	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 17:46	1
Caprolactam	ND		9.97	2.39	ug/L		11/09/25 14:00	11/11/25 17:46	1
Carbazole	ND		9.97	0.319	ug/L		11/09/25 14:00	11/11/25 17:46	1
Chrysene	ND		9.97	1.20	ug/L		11/09/25 14:00	11/11/25 17:46	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		11/09/25 14:00	11/11/25 17:46	1
Dibenzofuran	ND		9.97	0.638	ug/L		11/09/25 14:00	11/11/25 17:46	1
Diethyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 17:46	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 17:46	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		11/09/25 14:00	11/11/25 17:46	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		11/09/25 14:00	11/11/25 17:46	1
Fluoranthene	ND		9.97	0.628	ug/L		11/09/25 14:00	11/11/25 17:46	1
Fluorene	ND		9.97	0.668	ug/L		11/09/25 14:00	11/11/25 17:46	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		11/09/25 14:00	11/11/25 17:46	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		11/09/25 14:00	11/11/25 17:46	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		11/09/25 14:00	11/11/25 17:46	1
Hexachloroethane	ND		9.97	0.528	ug/L		11/09/25 14:00	11/11/25 17:46	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		11/09/25 14:00	11/11/25 17:46	1
Isophorone	ND		9.97	0.797	ug/L		11/09/25 14:00	11/11/25 17:46	1
Naphthalene	ND		9.97	0.748	ug/L		11/09/25 14:00	11/11/25 17:46	1
Nitrobenzene	ND		9.97	0.598	ug/L		11/09/25 14:00	11/11/25 17:46	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		11/09/25 14:00	11/11/25 17:46	1

Client Sample ID: MW-7
Date Collected: 11/05/25 13:15
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		11/09/25 14:00	11/11/25 17:46	1
Pentachlorophenol	ND		9.97	2.79	ug/L		11/09/25 14:00	11/11/25 17:46	1
Phenanthrene	ND		9.97	0.738	ug/L		11/09/25 14:00	11/11/25 17:46	1
Phenol	ND		9.97	0.678	ug/L		11/09/25 14:00	11/11/25 17:46	1
Pyrene	ND		9.97	0.628	ug/L		11/09/25 14:00	11/11/25 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*29*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:46*	*1*
2-Fluorobiphenyl (Surr)	*84*		*25 - 139*	*11/09/25 14:00*	*11/11/25 17:46*	*1*
2-Fluorophenol (Surr)	*28*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:46*	*1*
Nitrobenzene-d5 (Surr)	*93*		*22 - 150*	*11/09/25 14:00*	*11/11/25 17:46*	*1*
Phenol-d5 (Surr)	*13*		*10 - 150*	*11/09/25 14:00*	*11/11/25 17:46*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*11/09/25 14:00*	*11/11/25 17:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:22	11/10/25 21:52	1
Arsenic	**1.37**	**J**	4.00	0.390	ug/L		11/10/25 09:22	11/10/25 21:52	1
Chromium	**7.13**		2.00	0.388	ug/L		11/10/25 09:22	11/10/25 21:52	1
Copper	**4.19**	**B**	2.00	0.643	ug/L		11/10/25 09:22	11/10/25 21:52	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:22	11/10/25 21:52	1
Cobalt	**1.92**	**J**	2.00	0.102	ug/L		11/10/25 09:22	11/10/25 21:52	1
Barium	**134**		4.00	0.368	ug/L		11/10/25 09:22	11/10/25 21:52	1
Beryllium	**0.571**	**J**	1.00	0.320	ug/L		11/10/25 09:22	11/10/25 21:52	1
Manganese	**199**		1.00	0.987	ug/L		11/10/25 09:22	11/10/25 21:52	1
Nickel	**4.54**		4.00	0.915	ug/L		11/10/25 09:22	11/10/25 21:52	1
Lead	**1.85**	**J**	2.00	0.243	ug/L		11/10/25 09:22	11/10/25 21:52	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:22	11/10/25 21:52	1
Selenium	**1.07**	**J**	4.00	0.483	ug/L		11/10/25 09:22	11/10/25 21:52	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:22	11/10/25 21:52	1
Vanadium	**17.3**		2.00	0.486	ug/L		11/10/25 09:22	11/10/25 21:52	1
Zinc	**11.2**		4.00	1.29	ug/L		11/10/25 09:22	11/10/25 21:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 10:18	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.37**	**F1**	0.100	0.0100	mg/L			11/07/25 13:03	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0159**	**J F1**	0.100	0.0100	mg/L			11/06/25 17:32	1
Nitrate as N (SM Nitrate by calc)	**1.35**		0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**8.29**		5.00	1.40	mg/L			11/14/25 11:10	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: AMW-1
Date Collected: 11/05/25 10:33
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/18/25 17:45	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 17:45	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 17:45	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 17:45	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/18/25 17:45	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 17:45	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 17:45	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 17:45	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 17:45	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 17:45	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 17:45	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 17:45	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 17:45	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/18/25 17:45	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 17:45	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 17:45	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 17:45	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 17:45	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 17:45	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 17:45	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 17:45	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 17:45	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 17:45	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 17:45	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 17:45	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 17:45	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 17:45	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 17:45	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 17:45	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 17:45	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 17:45	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 17:45	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 17:45	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 17:45	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 17:45	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 17:45	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 17:45	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 17:45	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 17:45	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 17:45	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 17:45	1

Client Sample ID: AMW-1
Date Collected: 11/05/25 10:33
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 17:45	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 17:45	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 17:45	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 17:45	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 17:45	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 17:45	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 17:45	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 17:45	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 17:45	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 17:45	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 17:45	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 17:45	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 17:45	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 17:45	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 17:45	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 17:45	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 17:45	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 17:45	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 17:45	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 17:45	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 17:45	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*56 - 136*		*11/18/25 17:45*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*11/18/25 17:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*		*11/18/25 17:45*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/18/25 17:45*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.290	0.290	ug/L		11/08/25 10:41	11/11/25 17:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/08/25 10:41*	*11/11/25 17:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		11/09/25 14:00	11/11/25 18:16	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		11/09/25 14:00	11/11/25 18:16	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		11/09/25 14:00	11/11/25 18:16	1
2-Chlorophenol	ND		10.0	0.843	ug/L		11/09/25 14:00	11/11/25 18:16	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		11/09/25 14:00	11/11/25 18:16	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: AMW-1
Date Collected: 11/05/25 10:33
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		11/09/25 14:00	11/11/25 18:16	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 18:16	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/09/25 14:00	11/11/25 18:16	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		11/09/25 14:00	11/11/25 18:16	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		11/09/25 14:00	11/11/25 18:16	1
3-Nitroaniline	ND		10.0	0.953	ug/L		11/09/25 14:00	11/11/25 18:16	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		11/09/25 14:00	11/11/25 18:16	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 18:16	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		11/09/25 14:00	11/11/25 18:16	1
4-Chloroaniline	ND		10.0	0.582	ug/L		11/09/25 14:00	11/11/25 18:16	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		11/09/25 14:00	11/11/25 18:16	1
4-Nitroaniline	ND		10.0	3.51	ug/L		11/09/25 14:00	11/11/25 18:16	1
4-Nitrophenol	ND		10.0	2.75	ug/L		11/09/25 14:00	11/11/25 18:16	1
Acenaphthene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 18:16	1
Acenaphthylene	ND		10.0	0.763	ug/L		11/09/25 14:00	11/11/25 18:16	1
Acetophenone	ND		10.0	3.21	ug/L		11/09/25 14:00	11/11/25 18:16	1
Anthracene	ND		10.0	0.913	ug/L		11/09/25 14:00	11/11/25 18:16	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 18:16	1
Benzaldehyde	ND		10.0	0.672	ug/L		11/09/25 14:00	11/11/25 18:16	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 18:16	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 18:16	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 18:16	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		11/09/25 14:00	11/11/25 18:16	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		11/09/25 14:00	11/11/25 18:16	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		11/09/25 14:00	11/11/25 18:16	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		11/09/25 14:00	11/11/25 18:16	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		11/09/25 14:00	11/11/25 18:16	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 18:16	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 18:16	1
Caprolactam	ND		10.0	2.41	ug/L		11/09/25 14:00	11/11/25 18:16	1
Carbazole	ND		10.0	0.321	ug/L		11/09/25 14:00	11/11/25 18:16	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 18:16	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 18:16	1
Dibenzofuran	ND		10.0	0.642	ug/L		11/09/25 14:00	11/11/25 18:16	1
Diethyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 18:16	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 18:16	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		11/09/25 14:00	11/11/25 18:16	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 18:16	1
Fluoranthene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 18:16	1
Fluorene	ND		10.0	0.672	ug/L		11/09/25 14:00	11/11/25 18:16	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		11/09/25 14:00	11/11/25 18:16	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		11/09/25 14:00	11/11/25 18:16	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		11/09/25 14:00	11/11/25 18:16	1
Hexachloroethane	ND		10.0	0.532	ug/L		11/09/25 14:00	11/11/25 18:16	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 18:16	1
Isophorone	ND		10.0	0.803	ug/L		11/09/25 14:00	11/11/25 18:16	1
Naphthalene	ND		10.0	0.753	ug/L		11/09/25 14:00	11/11/25 18:16	1
Nitrobenzene	ND		10.0	0.602	ug/L		11/09/25 14:00	11/11/25 18:16	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		11/09/25 14:00	11/11/25 18:16	1

Client Sample ID: AMW-1
Date Collected: 11/05/25 10:33
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		11/09/25 14:00	11/11/25 18:16	1
Pentachlorophenol	ND		10.0	2.81	ug/L		11/09/25 14:00	11/11/25 18:16	1
Phenanthrene	ND		10.0	0.742	ug/L		11/09/25 14:00	11/11/25 18:16	1
Phenol	ND		10.0	0.682	ug/L		11/09/25 14:00	11/11/25 18:16	1
Pyrene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*32*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:16*	*1*
2-Fluorobiphenyl (Surr)	*84*		*25 - 139*	*11/09/25 14:00*	*11/11/25 18:16*	*1*
2-Fluorophenol (Surr)	*30*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:16*	*1*
Nitrobenzene-d5 (Surr)	*89*		*22 - 150*	*11/09/25 14:00*	*11/11/25 18:16*	*1*
Phenol-d5 (Surr)	*16*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:16*	*1*
Terphenyl-d14 (Surr)	*59*		*28 - 150*	*11/09/25 14:00*	*11/11/25 18:16*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:22	11/10/25 21:55	1
Arsenic	**0.777**	**J**	4.00	0.390	ug/L		11/10/25 09:22	11/10/25 21:55	1
Chromium	**2.89**		2.00	0.388	ug/L		11/10/25 09:22	11/10/25 21:55	1
Copper	**0.999**	**J B**	2.00	0.643	ug/L		11/10/25 09:22	11/10/25 21:55	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:22	11/10/25 21:55	1
Cobalt	**1.08**	**J**	2.00	0.102	ug/L		11/10/25 09:22	11/10/25 21:55	1
Barium	**171**		4.00	0.368	ug/L		11/10/25 09:22	11/10/25 21:55	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:22	11/10/25 21:55	1
Manganese	**447**		1.00	0.987	ug/L		11/10/25 09:22	11/10/25 21:55	1
Nickel	**9.17**		4.00	0.915	ug/L		11/10/25 09:22	11/10/25 21:55	1
Lead	**0.336**	**J**	2.00	0.243	ug/L		11/10/25 09:22	11/10/25 21:55	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:22	11/10/25 21:55	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:22	11/10/25 21:55	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:22	11/10/25 21:55	1
Vanadium	**3.02**		2.00	0.486	ug/L		11/10/25 09:22	11/10/25 21:55	1
Zinc	**4.47**		4.00	1.29	ug/L		11/10/25 09:22	11/10/25 21:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 10:21	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.314**		0.100	0.0100	mg/L			11/07/25 13:09	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:35	1
Nitrate as N (SM Nitrate by calc)	**0.314**		0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**38.3**		5.00	1.40	mg/L			11/14/25 11:10	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-2
Date Collected: 11/05/25 11:35
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/18/25 18:11	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 18:11	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 18:11	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 18:11	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/18/25 18:11	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 18:11	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 18:11	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 18:11	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 18:11	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 18:11	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 18:11	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 18:11	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 18:11	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/18/25 18:11	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 18:11	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 18:11	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 18:11	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 18:11	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 18:11	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 18:11	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 18:11	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 18:11	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 18:11	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 18:11	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 18:11	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 18:11	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 18:11	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 18:11	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 18:11	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 18:11	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 18:11	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 18:11	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 18:11	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 18:11	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 18:11	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 18:11	1
Methyl tert-butyl ether	**0.343**	**J**	1.00	0.220	ug/L			11/18/25 18:11	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 18:11	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 18:11	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 18:11	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 18:11	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 18:11	1

Client Sample ID: A-MW-2
Date Collected: 11/05/25 11:35
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 18:11	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 18:11	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 18:11	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 18:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 18:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 18:11	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 18:11	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 18:11	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 18:11	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 18:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 18:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 18:11	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 18:11	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 18:11	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 18:11	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 18:11	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 18:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 18:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 18:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 18:11	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 18:11	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 18:11	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/18/25 18:11*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*11/18/25 18:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*11/18/25 18:11*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*11/18/25 18:11*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		11/08/25 10:41	11/11/25 17:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*11/08/25 10:41*	*11/11/25 17:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/09/25 14:00	11/11/25 18:46	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		11/09/25 14:00	11/11/25 18:46	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/09/25 14:00	11/11/25 18:46	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/09/25 14:00	11/11/25 18:46	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/09/25 14:00	11/11/25 18:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-2
Date Collected: 11/05/25 11:35
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/09/25 14:00	11/11/25 18:46	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/09/25 14:00	11/11/25 18:46	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/09/25 14:00	11/11/25 18:46	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/09/25 14:00	11/11/25 18:46	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/09/25 14:00	11/11/25 18:46	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/09/25 14:00	11/11/25 18:46	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/09/25 14:00	11/11/25 18:46	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/09/25 14:00	11/11/25 18:46	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/09/25 14:00	11/11/25 18:46	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/09/25 14:00	11/11/25 18:46	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/09/25 14:00	11/11/25 18:46	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/09/25 14:00	11/11/25 18:46	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/09/25 14:00	11/11/25 18:46	1
Acenaphthene	ND		10.2	0.641	ug/L		11/09/25 14:00	11/11/25 18:46	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/09/25 14:00	11/11/25 18:46	1
Acetophenone	ND		10.2	3.25	ug/L		11/09/25 14:00	11/11/25 18:46	1
Anthracene	ND		10.2	0.925	ug/L		11/09/25 14:00	11/11/25 18:46	1
Atrazine	ND		10.2	1.15	ug/L		11/09/25 14:00	11/11/25 18:46	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/09/25 14:00	11/11/25 18:46	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/09/25 14:00	11/11/25 18:46	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/09/25 14:00	11/11/25 18:46	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/09/25 14:00	11/11/25 18:46	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/09/25 14:00	11/11/25 18:46	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/09/25 14:00	11/11/25 18:46	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/09/25 14:00	11/11/25 18:46	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/09/25 14:00	11/11/25 18:46	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/09/25 14:00	11/11/25 18:46	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/09/25 14:00	11/11/25 18:46	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/09/25 14:00	11/11/25 18:46	1
Caprolactam	ND		10.2	2.44	ug/L		11/09/25 14:00	11/11/25 18:46	1
Carbazole	ND		10.2	0.325	ug/L		11/09/25 14:00	11/11/25 18:46	1
Chrysene	ND		10.2	1.22	ug/L		11/09/25 14:00	11/11/25 18:46	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/09/25 14:00	11/11/25 18:46	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/09/25 14:00	11/11/25 18:46	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/09/25 14:00	11/11/25 18:46	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/09/25 14:00	11/11/25 18:46	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/09/25 14:00	11/11/25 18:46	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/09/25 14:00	11/11/25 18:46	1
Fluoranthene	ND		10.2	0.641	ug/L		11/09/25 14:00	11/11/25 18:46	1
Fluorene	ND		10.2	0.681	ug/L		11/09/25 14:00	11/11/25 18:46	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/09/25 14:00	11/11/25 18:46	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/09/25 14:00	11/11/25 18:46	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/09/25 14:00	11/11/25 18:46	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/09/25 14:00	11/11/25 18:46	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/09/25 14:00	11/11/25 18:46	1
Isophorone	ND		10.2	0.814	ug/L		11/09/25 14:00	11/11/25 18:46	1
Naphthalene	ND		10.2	0.763	ug/L		11/09/25 14:00	11/11/25 18:46	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/09/25 14:00	11/11/25 18:46	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/09/25 14:00	11/11/25 18:46	1

Client Sample ID: A-MW-2
Date Collected: 11/05/25 11:35
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/09/25 14:00	11/11/25 18:46	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/09/25 14:00	11/11/25 18:46	1
Phenanthrene	ND		10.2	0.753	ug/L		11/09/25 14:00	11/11/25 18:46	1
Phenol	ND		10.2	0.692	ug/L		11/09/25 14:00	11/11/25 18:46	1
Pyrene	ND		10.2	0.641	ug/L		11/09/25 14:00	11/11/25 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:46*	*1*
2-Fluorobiphenyl (Surr)	*82*		*25 - 139*	*11/09/25 14:00*	*11/11/25 18:46*	*1*
2-Fluorophenol (Surr)	*30*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:46*	*1*
Nitrobenzene-d5 (Surr)	*87*		*22 - 150*	*11/09/25 14:00*	*11/11/25 18:46*	*1*
Phenol-d5 (Surr)	*14*		*10 - 150*	*11/09/25 14:00*	*11/11/25 18:46*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*11/09/25 14:00*	*11/11/25 18:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:22	11/10/25 22:00	1
Arsenic	**6.60**		4.00	0.390	ug/L		11/10/25 09:22	11/10/25 22:00	1
Chromium	**0.545**	**J**	2.00	0.388	ug/L		11/10/25 09:22	11/10/25 22:00	1
Copper	ND		2.00	0.643	ug/L		11/10/25 09:22	11/10/25 22:00	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:22	11/10/25 22:00	1
Cobalt	**1.12**	**J**	2.00	0.102	ug/L		11/10/25 09:22	11/10/25 22:00	1
Barium	**443**		4.00	0.368	ug/L		11/10/25 09:22	11/10/25 22:00	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:22	11/10/25 22:00	1
Manganese	**1600**		5.00	4.94	ug/L		11/10/25 09:22	11/10/25 22:03	5
Nickel	**2.40**	**J**	4.00	0.915	ug/L		11/10/25 09:22	11/10/25 22:00	1
Lead	ND		2.00	0.243	ug/L		11/10/25 09:22	11/10/25 22:00	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:22	11/10/25 22:00	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:22	11/10/25 22:00	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:22	11/10/25 22:00	1
Vanadium	**0.526**	**J**	2.00	0.486	ug/L		11/10/25 09:22	11/10/25 22:00	1
Zinc	**6.99**		4.00	1.29	ug/L		11/10/25 09:22	11/10/25 22:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.818**		0.250	0.100	mg/L			11/07/25 10:24	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0610**	**J**	0.100	0.0100	mg/L			11/07/25 13:10	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:36	1
Nitrate as N (SM Nitrate by calc)	**0.0610**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**12.9**		5.00	1.40	mg/L			11/14/25 11:11	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-3
Date Collected: 11/05/25 14:05
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/18/25 18:38	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 18:38	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 18:38	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 18:38	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/18/25 18:38	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 18:38	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 18:38	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 18:38	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 18:38	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 18:38	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 18:38	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 18:38	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 18:38	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/18/25 18:38	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 18:38	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 18:38	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 18:38	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 18:38	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 18:38	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 18:38	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 18:38	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 18:38	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 18:38	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 18:38	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 18:38	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 18:38	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 18:38	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 18:38	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 18:38	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 18:38	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 18:38	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 18:38	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 18:38	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 18:38	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 18:38	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 18:38	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 18:38	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 18:38	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 18:38	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 18:38	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 18:38	1

Client Sample ID: A-MW-3
Date Collected: 11/05/25 14:05
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 18:38	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 18:38	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 18:38	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 18:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 18:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 18:38	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 18:38	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 18:38	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 18:38	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 18:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 18:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 18:38	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 18:38	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 18:38	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 18:38	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 18:38	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 18:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 18:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 18:38	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 18:38	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 18:38	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*11/18/25 18:38*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*11/18/25 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*		*11/18/25 18:38*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/18/25 18:38*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		11/08/25 10:41	11/11/25 17:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*11/08/25 10:41*	*11/11/25 17:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		11/09/25 14:00	11/11/25 19:16	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		11/09/25 14:00	11/11/25 19:16	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		11/09/25 14:00	11/11/25 19:16	1
2-Chlorophenol	ND		9.90	0.832	ug/L		11/09/25 14:00	11/11/25 19:16	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		11/09/25 14:00	11/11/25 19:16	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-3
Date Collected: 11/05/25 14:05
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.90	0.752	ug/L		11/09/25 14:00	11/11/25 19:16	1
2-Nitroaniline	ND		9.90	1.36	ug/L		11/09/25 14:00	11/11/25 19:16	1
2-Nitrophenol	ND	*+	9.90	1.16	ug/L		11/09/25 14:00	11/11/25 19:16	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		11/09/25 14:00	11/11/25 19:16	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		11/09/25 14:00	11/11/25 19:16	1
3-Nitroaniline	ND		9.90	0.941	ug/L		11/09/25 14:00	11/11/25 19:16	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		11/09/25 14:00	11/11/25 19:16	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		11/09/25 14:00	11/11/25 19:16	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		11/09/25 14:00	11/11/25 19:16	1
4-Chloroaniline	ND		9.90	0.574	ug/L		11/09/25 14:00	11/11/25 19:16	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		11/09/25 14:00	11/11/25 19:16	1
4-Nitroaniline	ND		9.90	3.47	ug/L		11/09/25 14:00	11/11/25 19:16	1
4-Nitrophenol	ND		9.90	2.71	ug/L		11/09/25 14:00	11/11/25 19:16	1
Acenaphthene	ND		9.90	0.624	ug/L		11/09/25 14:00	11/11/25 19:16	1
Acenaphthylene	ND		9.90	0.752	ug/L		11/09/25 14:00	11/11/25 19:16	1
Acetophenone	ND		9.90	3.17	ug/L		11/09/25 14:00	11/11/25 19:16	1
Anthracene	ND		9.90	0.901	ug/L		11/09/25 14:00	11/11/25 19:16	1
Atrazine	ND		9.90	1.12	ug/L		11/09/25 14:00	11/11/25 19:16	1
Benzaldehyde	ND		9.90	0.663	ug/L		11/09/25 14:00	11/11/25 19:16	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		11/09/25 14:00	11/11/25 19:16	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		11/09/25 14:00	11/11/25 19:16	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		11/09/25 14:00	11/11/25 19:16	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		11/09/25 14:00	11/11/25 19:16	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		11/09/25 14:00	11/11/25 19:16	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		11/09/25 14:00	11/11/25 19:16	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		11/09/25 14:00	11/11/25 19:16	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		11/09/25 14:00	11/11/25 19:16	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 19:16	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 19:16	1
Caprolactam	ND		9.90	2.38	ug/L		11/09/25 14:00	11/11/25 19:16	1
Carbazole	ND		9.90	0.317	ug/L		11/09/25 14:00	11/11/25 19:16	1
Chrysene	ND		9.90	1.19	ug/L		11/09/25 14:00	11/11/25 19:16	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		11/09/25 14:00	11/11/25 19:16	1
Dibenzofuran	ND		9.90	0.634	ug/L		11/09/25 14:00	11/11/25 19:16	1
Diethyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 19:16	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 19:16	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		11/09/25 14:00	11/11/25 19:16	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		11/09/25 14:00	11/11/25 19:16	1
Fluoranthene	ND		9.90	0.624	ug/L		11/09/25 14:00	11/11/25 19:16	1
Fluorene	ND		9.90	0.663	ug/L		11/09/25 14:00	11/11/25 19:16	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		11/09/25 14:00	11/11/25 19:16	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		11/09/25 14:00	11/11/25 19:16	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		11/09/25 14:00	11/11/25 19:16	1
Hexachloroethane	ND		9.90	0.525	ug/L		11/09/25 14:00	11/11/25 19:16	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		11/09/25 14:00	11/11/25 19:16	1
Isophorone	ND		9.90	0.792	ug/L		11/09/25 14:00	11/11/25 19:16	1
Naphthalene	ND		9.90	0.743	ug/L		11/09/25 14:00	11/11/25 19:16	1
Nitrobenzene	ND		9.90	0.594	ug/L		11/09/25 14:00	11/11/25 19:16	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		11/09/25 14:00	11/11/25 19:16	1

Client Sample ID: A-MW-3
Date Collected: 11/05/25 14:05
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		11/09/25 14:00	11/11/25 19:16	1
Pentachlorophenol	ND		9.90	2.77	ug/L		11/09/25 14:00	11/11/25 19:16	1
Phenanthrene	ND		9.90	0.733	ug/L		11/09/25 14:00	11/11/25 19:16	1
Phenol	ND		9.90	0.673	ug/L		11/09/25 14:00	11/11/25 19:16	1
Pyrene	ND		9.90	0.624	ug/L		11/09/25 14:00	11/11/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*26*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:16*	*1*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*	*11/09/25 14:00*	*11/11/25 19:16*	*1*
2-Fluorophenol (Surr)	*29*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:16*	*1*
Nitrobenzene-d5 (Surr)	*88*		*22 - 150*	*11/09/25 14:00*	*11/11/25 19:16*	*1*
Phenol-d5 (Surr)	*16*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:16*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*11/09/25 14:00*	*11/11/25 19:16*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:22	11/10/25 22:05	1
Arsenic	**6.21**		4.00	0.390	ug/L		11/10/25 09:22	11/10/25 22:05	1
Chromium	**0.407**	**J**	2.00	0.388	ug/L		11/10/25 09:22	11/10/25 22:05	1
Copper	ND		2.00	0.643	ug/L		11/10/25 09:22	11/10/25 22:05	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:22	11/10/25 22:05	1
Cobalt	**3.41**		2.00	0.102	ug/L		11/10/25 09:22	11/10/25 22:05	1
Barium	**78.0**		4.00	0.368	ug/L		11/10/25 09:22	11/10/25 22:05	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:22	11/10/25 22:05	1
Manganese	**4330**		5.00	4.94	ug/L		11/10/25 09:22	11/10/25 22:08	5
Nickel	**1.18**	**J**	4.00	0.915	ug/L		11/10/25 09:22	11/10/25 22:05	1
Lead	ND		2.00	0.243	ug/L		11/10/25 09:22	11/10/25 22:05	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:22	11/10/25 22:05	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:22	11/10/25 22:05	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:22	11/10/25 22:05	1
Vanadium	ND		2.00	0.486	ug/L		11/10/25 09:22	11/10/25 22:05	1
Zinc	**1.88**	**J**	4.00	1.29	ug/L		11/10/25 09:22	11/10/25 22:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.230**	**J**	0.250	0.100	mg/L			11/07/25 10:26	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0800**	**J**	0.100	0.0100	mg/L			11/07/25 13:12	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:37	1
Nitrate as N (SM Nitrate by calc)	**0.0800**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**61.3**		25.0	7.00	mg/L			11/16/25 10:54	5

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-4
Date Collected: 11/05/25 13:47
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/15/25 20:13	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 20:13	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 20:13	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 20:13	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 20:13	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 20:13	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 20:13	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 20:13	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 20:13	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 20:13	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 20:13	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 20:13	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 20:13	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 20:13	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 20:13	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 20:13	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 20:13	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 20:13	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 20:13	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 20:13	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 20:13	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 20:13	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 20:13	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 20:13	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 20:13	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 20:13	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 20:13	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 20:13	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 20:13	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 20:13	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 20:13	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 20:13	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 20:13	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 20:13	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 20:13	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 20:13	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 20:13	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 20:13	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 20:13	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 20:13	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 20:13	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 20:13	1

Client Sample ID: A-MW-4
Date Collected: 11/05/25 13:47
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 20:13	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 20:13	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 20:13	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 20:13	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 20:13	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 20:13	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 20:13	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 20:13	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 20:13	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 20:13	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 20:13	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 20:13	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 20:13	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 20:13	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 20:13	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 20:13	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 20:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 20:13	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 20:13	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 20:13	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 20:13	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 20:13	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*11/15/25 20:13*	*1*
Dibromofluoromethane	*107*		*79 - 130*		*11/15/25 20:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*59 - 146*		*11/15/25 20:13*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 20:13*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.293	0.293	ug/L		11/08/25 10:41	11/11/25 18:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*11/08/25 10:41*	*11/11/25 18:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		11/09/25 14:00	11/11/25 19:46	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		11/09/25 14:00	11/11/25 19:46	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		11/09/25 14:00	11/11/25 19:46	1
2-Chlorophenol	ND		10.1	0.851	ug/L		11/09/25 14:00	11/11/25 19:46	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		11/09/25 14:00	11/11/25 19:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-4
Date Collected: 11/05/25 13:47
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		11/09/25 14:00	11/11/25 19:46	1
2-Nitroaniline	ND		10.1	1.39	ug/L		11/09/25 14:00	11/11/25 19:46	1
2-Nitrophenol	ND	*+	10.1	1.19	ug/L		11/09/25 14:00	11/11/25 19:46	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		11/09/25 14:00	11/11/25 19:46	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		11/09/25 14:00	11/11/25 19:46	1
3-Nitroaniline	ND		10.1	0.963	ug/L		11/09/25 14:00	11/11/25 19:46	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		11/09/25 14:00	11/11/25 19:46	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		11/09/25 14:00	11/11/25 19:46	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		11/09/25 14:00	11/11/25 19:46	1
4-Chloroaniline	ND		10.1	0.588	ug/L		11/09/25 14:00	11/11/25 19:46	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		11/09/25 14:00	11/11/25 19:46	1
4-Nitroaniline	ND		10.1	3.55	ug/L		11/09/25 14:00	11/11/25 19:46	1
4-Nitrophenol	ND		10.1	2.78	ug/L		11/09/25 14:00	11/11/25 19:46	1
Acenaphthene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 19:46	1
Acenaphthylene	ND		10.1	0.770	ug/L		11/09/25 14:00	11/11/25 19:46	1
Acetophenone	ND		10.1	3.24	ug/L		11/09/25 14:00	11/11/25 19:46	1
Anthracene	ND		10.1	0.922	ug/L		11/09/25 14:00	11/11/25 19:46	1
Atrazine	ND		10.1	1.15	ug/L		11/09/25 14:00	11/11/25 19:46	1
Benzaldehyde	ND		10.1	0.679	ug/L		11/09/25 14:00	11/11/25 19:46	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/09/25 14:00	11/11/25 19:46	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 19:46	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		11/09/25 14:00	11/11/25 19:46	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 19:46	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/09/25 14:00	11/11/25 19:46	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		11/09/25 14:00	11/11/25 19:46	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		11/09/25 14:00	11/11/25 19:46	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		11/09/25 14:00	11/11/25 19:46	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:46	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:46	1
Caprolactam	ND		10.1	2.43	ug/L		11/09/25 14:00	11/11/25 19:46	1
Carbazole	ND		10.1	0.324	ug/L		11/09/25 14:00	11/11/25 19:46	1
Chrysene	ND		10.1	1.22	ug/L		11/09/25 14:00	11/11/25 19:46	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		11/09/25 14:00	11/11/25 19:46	1
Dibenzofuran	ND		10.1	0.649	ug/L		11/09/25 14:00	11/11/25 19:46	1
Diethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:46	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:46	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		11/09/25 14:00	11/11/25 19:46	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		11/09/25 14:00	11/11/25 19:46	1
Fluoranthene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 19:46	1
Fluorene	ND		10.1	0.679	ug/L		11/09/25 14:00	11/11/25 19:46	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/09/25 14:00	11/11/25 19:46	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		11/09/25 14:00	11/11/25 19:46	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		11/09/25 14:00	11/11/25 19:46	1
Hexachloroethane	ND		10.1	0.537	ug/L		11/09/25 14:00	11/11/25 19:46	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/09/25 14:00	11/11/25 19:46	1
Isophorone	ND		10.1	0.811	ug/L		11/09/25 14:00	11/11/25 19:46	1
Naphthalene	ND		10.1	0.760	ug/L		11/09/25 14:00	11/11/25 19:46	1
Nitrobenzene	ND		10.1	0.608	ug/L		11/09/25 14:00	11/11/25 19:46	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		11/09/25 14:00	11/11/25 19:46	1

Client Sample ID: A-MW-4

Date Collected: 11/05/25 13:47
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		11/09/25 14:00	11/11/25 19:46	1
Pentachlorophenol	ND		10.1	2.84	ug/L		11/09/25 14:00	11/11/25 19:46	1
Phenanthrene	ND		10.1	0.750	ug/L		11/09/25 14:00	11/11/25 19:46	1
Phenol	ND		10.1	0.689	ug/L		11/09/25 14:00	11/11/25 19:46	1
Pyrene	ND		10.1	0.639	ug/L		11/09/25 14:00	11/11/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*31*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:46*	*1*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*	*11/09/25 14:00*	*11/11/25 19:46*	*1*
2-Fluorophenol (Surr)	*29*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:46*	*1*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*	*11/09/25 14:00*	*11/11/25 19:46*	*1*
Phenol-d5 (Surr)	*15*		*10 - 150*	*11/09/25 14:00*	*11/11/25 19:46*	*1*
Terphenyl-d14 (Surr)	*80*		*28 - 150*	*11/09/25 14:00*	*11/11/25 19:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:22	11/10/25 22:13	1
Arsenic	**1.97**	**J**	4.00	0.390	ug/L		11/10/25 09:22	11/10/25 22:13	1
Chromium	**1.01**	**J**	2.00	0.388	ug/L		11/10/25 09:22	11/10/25 22:13	1
Copper	**1.79**	**J B**	2.00	0.643	ug/L		11/10/25 09:22	11/10/25 22:13	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:22	11/10/25 22:13	1
Cobalt	**0.320**	**J**	2.00	0.102	ug/L		11/10/25 09:22	11/10/25 22:13	1
Barium	**35.0**		4.00	0.368	ug/L		11/10/25 09:22	11/10/25 22:13	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:22	11/10/25 22:13	1
Manganese	**10.9**		1.00	0.987	ug/L		11/10/25 09:22	11/10/25 22:13	1
Nickel	ND		4.00	0.915	ug/L		11/10/25 09:22	11/10/25 22:13	1
Lead	**0.269**	**J**	2.00	0.243	ug/L		11/10/25 09:22	11/10/25 22:13	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:22	11/10/25 22:13	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:22	11/10/25 22:13	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:22	11/10/25 22:13	1
Vanadium	**4.21**		2.00	0.486	ug/L		11/10/25 09:22	11/10/25 22:13	1
Zinc	**8.78**		4.00	1.29	ug/L		11/10/25 09:22	11/10/25 22:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 10:40	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0570**	**J**	0.100	0.0100	mg/L			11/07/25 13:14	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:38	1
Nitrate as N (SM Nitrate by calc)	**0.0570**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**7.09**		5.00	1.40	mg/L			11/14/25 11:12	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-6
Date Collected: 11/05/25 11:10
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/15/25 20:40	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 20:40	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 20:40	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 20:40	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 20:40	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 20:40	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 20:40	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 20:40	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 20:40	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 20:40	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 20:40	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 20:40	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 20:40	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 20:40	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 20:40	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 20:40	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 20:40	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 20:40	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 20:40	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 20:40	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 20:40	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 20:40	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 20:40	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 20:40	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 20:40	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 20:40	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 20:40	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 20:40	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 20:40	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 20:40	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 20:40	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 20:40	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 20:40	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 20:40	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 20:40	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 20:40	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 20:40	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 20:40	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 20:40	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 20:40	1

Client Sample ID: A-MW-6
Date Collected: 11/05/25 11:10
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 20:40	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 20:40	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 20:40	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 20:40	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 20:40	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 20:40	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 20:40	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 20:40	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 20:40	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 20:40	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 20:40	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 20:40	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 20:40	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 20:40	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 20:40	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 20:40	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 20:40	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 20:40	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 20:40	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 20:40	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 20:40	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/15/25 20:40*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*11/15/25 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/15/25 20:40*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 20:40*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.275	0.275	ug/L		11/08/25 10:41	11/11/25 18:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*11/08/25 10:41*	*11/11/25 18:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		11/09/25 14:00	11/11/25 20:16	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		11/09/25 14:00	11/11/25 20:16	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		11/09/25 14:00	11/11/25 20:16	1
2-Chlorophenol	ND		10.0	0.843	ug/L		11/09/25 14:00	11/11/25 20:16	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		11/09/25 14:00	11/11/25 20:16	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: A-MW-6
Date Collected: 11/05/25 11:10
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		11/09/25 14:00	11/11/25 20:16	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 20:16	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/09/25 14:00	11/11/25 20:16	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		11/09/25 14:00	11/11/25 20:16	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		11/09/25 14:00	11/11/25 20:16	1
3-Nitroaniline	ND		10.0	0.953	ug/L		11/09/25 14:00	11/11/25 20:16	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		11/09/25 14:00	11/11/25 20:16	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 20:16	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		11/09/25 14:00	11/11/25 20:16	1
4-Chloroaniline	ND		10.0	0.582	ug/L		11/09/25 14:00	11/11/25 20:16	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		11/09/25 14:00	11/11/25 20:16	1
4-Nitroaniline	ND		10.0	3.51	ug/L		11/09/25 14:00	11/11/25 20:16	1
4-Nitrophenol	ND		10.0	2.75	ug/L		11/09/25 14:00	11/11/25 20:16	1
Acenaphthene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 20:16	1
Acenaphthylene	ND		10.0	0.763	ug/L		11/09/25 14:00	11/11/25 20:16	1
Acetophenone	ND		10.0	3.21	ug/L		11/09/25 14:00	11/11/25 20:16	1
Anthracene	ND		10.0	0.913	ug/L		11/09/25 14:00	11/11/25 20:16	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 20:16	1
Benzaldehyde	ND		10.0	0.672	ug/L		11/09/25 14:00	11/11/25 20:16	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 20:16	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 20:16	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 20:16	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		11/09/25 14:00	11/11/25 20:16	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		11/09/25 14:00	11/11/25 20:16	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		11/09/25 14:00	11/11/25 20:16	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		11/09/25 14:00	11/11/25 20:16	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		11/09/25 14:00	11/11/25 20:16	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 20:16	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 20:16	1
Caprolactam	ND		10.0	2.41	ug/L		11/09/25 14:00	11/11/25 20:16	1
Carbazole	ND		10.0	0.321	ug/L		11/09/25 14:00	11/11/25 20:16	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 20:16	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 20:16	1
Dibenzofuran	ND		10.0	0.642	ug/L		11/09/25 14:00	11/11/25 20:16	1
Diethyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 20:16	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 20:16	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		11/09/25 14:00	11/11/25 20:16	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 20:16	1
Fluoranthene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 20:16	1
Fluorene	ND		10.0	0.672	ug/L		11/09/25 14:00	11/11/25 20:16	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		11/09/25 14:00	11/11/25 20:16	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		11/09/25 14:00	11/11/25 20:16	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		11/09/25 14:00	11/11/25 20:16	1
Hexachloroethane	ND		10.0	0.532	ug/L		11/09/25 14:00	11/11/25 20:16	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 20:16	1
Isophorone	ND		10.0	0.803	ug/L		11/09/25 14:00	11/11/25 20:16	1
Naphthalene	ND		10.0	0.753	ug/L		11/09/25 14:00	11/11/25 20:16	1
Nitrobenzene	ND		10.0	0.602	ug/L		11/09/25 14:00	11/11/25 20:16	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		11/09/25 14:00	11/11/25 20:16	1

Client Sample ID: A-MW-6
Date Collected: 11/05/25 11:10
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		11/09/25 14:00	11/11/25 20:16	1
Pentachlorophenol	ND		10.0	2.81	ug/L		11/09/25 14:00	11/11/25 20:16	1
Phenanthrene	ND		10.0	0.742	ug/L		11/09/25 14:00	11/11/25 20:16	1
Phenol	ND		10.0	0.682	ug/L		11/09/25 14:00	11/11/25 20:16	1
Pyrene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:16*	*1*
2-Fluorobiphenyl (Surr)	*84*		*25 - 139*	*11/09/25 14:00*	*11/11/25 20:16*	*1*
2-Fluorophenol (Surr)	*30*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:16*	*1*
Nitrobenzene-d5 (Surr)	*90*		*22 - 150*	*11/09/25 14:00*	*11/11/25 20:16*	*1*
Phenol-d5 (Surr)	*17*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:16*	*1*
Terphenyl-d14 (Surr)	*68*		*28 - 150*	*11/09/25 14:00*	*11/11/25 20:16*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:10	1
Arsenic	ND		4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:10	1
Chromium	**3.17**		2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:10	1
Copper	**1.08**	**J**	2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:10	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:10	1
Cobalt	**0.158**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:10	1
Barium	**278**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:10	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:10	1
Manganese	**11.0**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:10	1
Nickel	**20.5**		4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:10	1
Lead	ND		2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:10	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:10	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:10	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:10	1
Vanadium	**2.16**		2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:10	1
Zinc	**2.38**	**J**	4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 10:42	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.174**		0.100	0.0100	mg/L			11/07/25 13:16	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:39	1
Nitrate as N (SM Nitrate by calc)	**0.174**		0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**77.1**		10.0	2.80	mg/L			11/16/25 10:14	2

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: 110525-DUP-1
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/15/25 21:06	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 21:06	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 21:06	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 21:06	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 21:06	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 21:06	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 21:06	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 21:06	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 21:06	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 21:06	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 21:06	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 21:06	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 21:06	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 21:06	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 21:06	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 21:06	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 21:06	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 21:06	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 21:06	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 21:06	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 21:06	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 21:06	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 21:06	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 21:06	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 21:06	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 21:06	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 21:06	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 21:06	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 21:06	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 21:06	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 21:06	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 21:06	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 21:06	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 21:06	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 21:06	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 21:06	1
Methyl tert-butyl ether	**0.220**	**J**	1.00	0.220	ug/L			11/15/25 21:06	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 21:06	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 21:06	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 21:06	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 21:06	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 21:06	1

Client Sample ID: 110525-DUP-1
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 21:06	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 21:06	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 21:06	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 21:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 21:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 21:06	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 21:06	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 21:06	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 21:06	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 21:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 21:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 21:06	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 21:06	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 21:06	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 21:06	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 21:06	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 21:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 21:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 21:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 21:06	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 21:06	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 21:06	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/15/25 21:06*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*11/15/25 21:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*59 - 146*		*11/15/25 21:06*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/15/25 21:06*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		11/08/25 10:41	11/11/25 18:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*11/08/25 10:41*	*11/11/25 18:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 20:46	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 20:46	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 20:46	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 20:46	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 20:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: 110525-DUP-1
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 20:46	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 20:46	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/09/25 14:00	11/11/25 20:46	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 20:46	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 20:46	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 20:46	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 20:46	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 20:46	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 20:46	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 20:46	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 20:46	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 20:46	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 20:46	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 20:46	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 20:46	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 20:46	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 20:46	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 20:46	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 20:46	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 20:46	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 20:46	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 20:46	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 20:46	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 20:46	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 20:46	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 20:46	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 20:46	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 20:46	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 20:46	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 20:46	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 20:46	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 20:46	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 20:46	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 20:46	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 20:46	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 20:46	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 20:46	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 20:46	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 20:46	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 20:46	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 20:46	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 20:46	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 20:46	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 20:46	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 20:46	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 20:46	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 20:46	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 20:46	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 20:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: 110525-DUP-1

Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 20:46	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 20:46	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 20:46	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 20:46	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:46*	*1*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*	*11/09/25 14:00*	*11/11/25 20:46*	*1*
2-Fluorophenol (Surr)	*29*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:46*	*1*
Nitrobenzene-d5 (Surr)	*85*		*22 - 150*	*11/09/25 14:00*	*11/11/25 20:46*	*1*
Phenol-d5 (Surr)	*17*		*10 - 150*	*11/09/25 14:00*	*11/11/25 20:46*	*1*
Terphenyl-d14 (Surr)	*61*		*28 - 150*	*11/09/25 14:00*	*11/11/25 20:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 09:50	11/10/25 23:12	1
Arsenic	ND		4.00	0.390	ug/L		11/10/25 09:50	11/10/25 23:12	1
Chromium	**1.03**	**J**	2.00	0.388	ug/L		11/10/25 09:50	11/10/25 23:12	1
Copper	**0.886**	**J**	2.00	0.643	ug/L		11/10/25 09:50	11/10/25 23:12	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 09:50	11/10/25 23:12	1
Cobalt	**0.216**	**J**	2.00	0.102	ug/L		11/10/25 09:50	11/10/25 23:12	1
Barium	**333**		4.00	0.368	ug/L		11/10/25 09:50	11/10/25 23:12	1
Beryllium	ND		1.00	0.320	ug/L		11/10/25 09:50	11/10/25 23:12	1
Manganese	**19.4**		1.00	0.987	ug/L		11/10/25 09:50	11/10/25 23:12	1
Nickel	**24.0**		4.00	0.915	ug/L		11/10/25 09:50	11/10/25 23:12	1
Lead	ND		2.00	0.243	ug/L		11/10/25 09:50	11/10/25 23:12	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 09:50	11/10/25 23:12	1
Selenium	ND		4.00	0.483	ug/L		11/10/25 09:50	11/10/25 23:12	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 09:50	11/10/25 23:12	1
Vanadium	**1.99**	**J**	2.00	0.486	ug/L		11/10/25 09:50	11/10/25 23:12	1
Zinc	**3.07**	**J**	4.00	1.29	ug/L		11/10/25 09:50	11/10/25 23:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 10:45	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0670**	**J**	0.100	0.0100	mg/L			11/07/25 13:22	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 17:40	1
Nitrate as N (SM Nitrate by calc)	**0.0670**	**J**	0.100	0.0100	mg/L			11/07/25 17:25	1
Sulfate (SM 4500 SO4 E)	**56.8**		25.0	7.00	mg/L			11/16/25 10:56	5

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: TRIP BLANK-1
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/15/25 18:53	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 18:53	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 18:53	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 18:53	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 18:53	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 18:53	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 18:53	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 18:53	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 18:53	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 18:53	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 18:53	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 18:53	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 18:53	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 18:53	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 18:53	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 18:53	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 18:53	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 18:53	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 18:53	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 18:53	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 18:53	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 18:53	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 18:53	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 18:53	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 18:53	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 18:53	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 18:53	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 18:53	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 18:53	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 18:53	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 18:53	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 18:53	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 18:53	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 18:53	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 18:53	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 18:53	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 18:53	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 18:53	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 18:53	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 18:53	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 18:53	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 18:53	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: TRIP BLANK-1
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 18:53	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 18:53	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 18:53	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 18:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 18:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 18:53	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 18:53	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 18:53	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 18:53	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 18:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 18:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 18:53	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 18:53	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 18:53	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 18:53	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 18:53	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 18:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 18:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 18:53	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 18:53	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 18:53	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*11/15/25 18:53*	*1*
Dibromofluoromethane	*110*		*79 - 130*		*11/15/25 18:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*59 - 146*		*11/15/25 18:53*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 18:53*	*1*

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: TRIP BLANK-2
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/15/25 19:20	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 19:20	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 19:20	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 19:20	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/15/25 19:20	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 19:20	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 19:20	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 19:20	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 19:20	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 19:20	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 19:20	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 19:20	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 19:20	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 19:20	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 19:20	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 19:20	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 19:20	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 19:20	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 19:20	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 19:20	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 19:20	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 19:20	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 19:20	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 19:20	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 19:20	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 19:20	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 19:20	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 19:20	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 19:20	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 19:20	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 19:20	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 19:20	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 19:20	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 19:20	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 19:20	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 19:20	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 19:20	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 19:20	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 19:20	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/15/25 19:20	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 19:20	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 19:20	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: TRIP BLANK-2
Date Collected: 11/05/25 00:00
Date Received: 11/06/25 10:15

Lab Sample ID: 680-268085-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 19:20	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 19:20	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 19:20	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 19:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 19:20	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 19:20	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 19:20	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 19:20	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 19:20	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 19:20	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 19:20	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 19:20	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 19:20	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 19:20	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 19:20	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 19:20	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 19:20	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 19:20	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 19:20	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 19:20	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/15/25 19:20*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*11/15/25 19:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*59 - 146*		*11/15/25 19:20*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/15/25 19:20*	*1*

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-140)						
680-268085-1	MW-6	23						
680-268085-2	MW-7	25						
680-268085-3	AMW-1	28						
680-268085-4	A-MW-2	23						
680-268085-5	A-MW-3	28						
680-268085-6	A-MW-4	25						
680-268085-7	A-MW-6	23						
680-268085-8	110525-DUP-1	22						
LCS 400-729840/2-A	Lab Control Sample	33						
LCSD 400-729840/3-A	Lab Control Sample Dup	31						
MB 400-729840/1-A	Method Blank	36						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730709/5
Matrix: Water
Analysis Batch: 730709

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/15/25 14:29	1
Benzene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Bromobenzene	ND		1.00	0.540	ug/L			11/15/25 14:29	1
Bromoform	ND		5.00	0.250	ug/L			11/15/25 14:29	1
Bromomethane	ND		1.00	0.980	ug/L			11/15/25 14:29	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/15/25 14:29	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/15/25 14:29	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/15/25 14:29	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/15/25 14:29	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/15/25 14:29	1
Chloroethane	ND		1.00	0.760	ug/L			11/15/25 14:29	1
Chloroform	ND		1.00	0.900	ug/L			11/15/25 14:29	1
Chloromethane	ND		1.00	0.840	ug/L			11/15/25 14:29	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/15/25 14:29	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/15/25 14:29	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/15/25 14:29	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/15/25 14:29	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/15/25 14:29	1
Dibromomethane	ND		5.00	0.220	ug/L			11/15/25 14:29	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/15/25 14:29	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/15/25 14:29	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/15/25 14:29	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/15/25 14:29	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/15/25 14:29	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/15/25 14:29	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/15/25 14:29	1
Hexane	ND		1.00	0.960	ug/L			11/15/25 14:29	1
2-Hexanone	ND		25.0	9.10	ug/L			11/15/25 14:29	1
Iodomethane	ND		1.00	0.900	ug/L			11/15/25 14:29	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/15/25 14:29	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/15/25 14:29	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/15/25 14:29	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/15/25 14:29	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/15/25 14:29	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/15/25 14:29	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/15/25 14:29	1
Naphthalene	ND		5.00	3.00	ug/L			11/15/25 14:29	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/15/25 14:29	1
n-Heptane	ND		1.00	0.690	ug/L			11/15/25 14:29	1

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

Lab Sample ID: MB 400-730709/5
Matrix: Water
Analysis Batch: 730709

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/15/25 14:29	1
o-Xylene	ND		5.00	3.00	ug/L			11/15/25 14:29	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/15/25 14:29	1
Styrene	ND		1.00	1.00	ug/L			11/15/25 14:29	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/15/25 14:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/15/25 14:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/15/25 14:29	1
Toluene	ND		1.00	0.900	ug/L			11/15/25 14:29	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/15/25 14:29	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/15/25 14:29	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/15/25 14:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/15/25 14:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/15/25 14:29	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/15/25 14:29	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/15/25 14:29	1
Trichloroethene	ND		1.00	0.480	ug/L			11/15/25 14:29	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/15/25 14:29	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/15/25 14:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/15/25 14:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/15/25 14:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/15/25 14:29	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/15/25 14:29	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/15/25 14:29	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/15/25 14:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/15/25 14:29*	*1*
Dibromofluoromethane	*108*		*79 - 130*		*11/15/25 14:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*59 - 146*		*11/15/25 14:29*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/15/25 14:29*	*1*

Lab Sample ID: LCS 400-730709/1002
Matrix: Water
Analysis Batch: 730709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	378.8	*+	ug/L		189	43 - 150
Benzene	50.0	51.96		ug/L		104	70 - 130
Bromobenzene	50.0	50.24		ug/L		100	70 - 132
Bromoform	50.0	43.94		ug/L		88	57 - 140
Bromomethane	50.0	78.16	*+	ug/L		156	10 - 150
2-Butanone (MEK)	200	213.7		ug/L		107	61 - 145
Carbon disulfide	50.0	45.86		ug/L		92	61 - 137
Carbon tetrachloride	50.0	49.75		ug/L		99	61 - 137
Chlorobenzene	50.0	52.39		ug/L		105	70 - 130
Chlorobromomethane	50.0	51.40		ug/L		103	70 - 130
Chlorodibromomethane	50.0	49.54		ug/L		99	67 - 135

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

Lab Sample ID: LCS 400-730709/1002
Matrix: Water
Analysis Batch: 730709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	57.86		ug/L		116	55 - 141
Chloroform	50.0	54.14		ug/L		108	69 - 130
Chloromethane	50.0	65.64		ug/L		131	58 - 137
2-Chlorotoluene	50.0	57.57		ug/L		115	70 - 130
4-Chlorotoluene	50.0	57.75		ug/L		115	70 - 130
cis-1,2-Dichloroethene	50.0	56.24		ug/L		112	68 - 130
cis-1,3-Dichloropropene	50.0	51.14		ug/L		102	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.51		ug/L		85	54 - 135
Dibromomethane	50.0	51.11		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	54.22		ug/L		108	67 - 130
1,3-Dichlorobenzene	50.0	53.57		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	53.98		ug/L		108	70 - 130
Dichlorobromomethane	50.0	53.25		ug/L		106	67 - 133
1,1-Dichloroethane	50.0	54.85		ug/L		110	70 - 130
1,2-Dichloroethane	50.0	57.00		ug/L		114	69 - 130
1,1-Dichloroethene	50.0	48.95		ug/L		98	63 - 134
1,2-Dichloropropane	50.0	57.49		ug/L		115	70 - 130
1,3-Dichloropropane	50.0	51.88		ug/L		104	70 - 130
2,2-Dichloropropane	50.0	50.58		ug/L		101	52 - 135
1,1-Dichloropropene	50.0	52.07		ug/L		104	70 - 130
Ethyl acetate	100	91.95		ug/L		92	34 - 150
Ethylbenzene	50.0	55.77		ug/L		112	70 - 130
Ethylene Dibromide	50.0	48.80		ug/L		98	70 - 130
Hexachlorobutadiene	50.0	60.02		ug/L		120	53 - 140
Hexane	50.0	51.49		ug/L		103	69 - 130
2-Hexanone	200	243.8		ug/L		122	65 - 137
Iodomethane	50.0	44.36		ug/L		89	27 - 150
Isopropylbenzene	50.0	56.79		ug/L		114	70 - 130
Isopropyl ether	50.0	64.01		ug/L		128	64 - 132
4-Isopropyltoluene	50.0	59.02		ug/L		118	65 - 130
Methylene Chloride	50.0	51.61		ug/L		103	66 - 135
4-Methyl-2-pentanone (MIBK)	200	240.8		ug/L		120	69 - 138
Methyl tert-butyl ether	50.0	48.29		ug/L		97	66 - 130
m-Xylene & p-Xylene	50.0	55.03		ug/L		110	70 - 130
Naphthalene	50.0	44.35		ug/L		89	47 - 149
n-Butylbenzene	50.0	66.95	*+	ug/L		134	67 - 130
n-Heptane	50.0	56.18		ug/L		112	70 - 130
N-Propylbenzene	50.0	55.47		ug/L		111	70 - 130
o-Xylene	50.0	55.63		ug/L		111	70 - 130
sec-Butylbenzene	50.0	60.19		ug/L		120	66 - 130
Styrene	50.0	52.97		ug/L		106	70 - 130
tert-Butylbenzene	50.0	59.31		ug/L		119	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.25		ug/L		100	67 - 131
1,1,2,2-Tetrachloroethane	50.0	49.28		ug/L		99	70 - 131
Tetrachloroethene	50.0	50.93		ug/L		102	65 - 130
Toluene	50.0	51.97		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	59.54		ug/L		119	57 - 140
trans-1,2-Dichloroethene	50.0	48.25		ug/L		96	70 - 130
trans-1,3-Dichloropropene	50.0	52.58		ug/L		105	63 - 130

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

Lab Sample ID: LCS 400-730709/1002
Matrix: Water
Analysis Batch: 730709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	49.41		ug/L		99	60 - 138
1,2,4-Trichlorobenzene	50.0	52.76		ug/L		106	60 - 140
1,1,1-Trichloroethane	50.0	50.97		ug/L		102	68 - 130
1,1,2-Trichloroethane	50.0	51.38		ug/L		103	70 - 130
Trichloroethene	50.0	48.58		ug/L		97	70 - 130
Trichlorofluoromethane	50.0	54.51		ug/L		109	65 - 138
1,2,3-Trichloropropane	50.0	47.44		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.75		ug/L		97	60 - 139
1,2,4-Trimethylbenzene	50.0	56.85		ug/L		114	70 - 130
1,3,5-Trimethylbenzene	50.0	56.61		ug/L		113	69 - 130
Vinyl acetate	100	108.6		ug/L		109	26 - 150
Vinyl chloride	50.0	53.29		ug/L		107	59 - 136
Xylenes, Total	100	110.7		ug/L		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*56 - 136*
Dibromofluoromethane	*102*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*
Toluene-d8 (Surr)	*102*		*64 - 132*

Lab Sample ID: MB 400-730935/5
Matrix: Water
Analysis Batch: 730935

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/18/25 14:24	1
Benzene	ND		1.00	0.500	ug/L			11/18/25 14:24	1
Bromobenzene	ND		1.00	0.540	ug/L			11/18/25 14:24	1
Bromoform	ND		5.00	0.250	ug/L			11/18/25 14:24	1
Bromomethane	ND		1.00	0.980	ug/L			11/18/25 14:24	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/18/25 14:24	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/18/25 14:24	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/18/25 14:24	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/18/25 14:24	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/18/25 14:24	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/18/25 14:24	1
Chloroethane	ND		1.00	0.760	ug/L			11/18/25 14:24	1
Chloroform	ND		1.00	0.900	ug/L			11/18/25 14:24	1
Chloromethane	ND		1.00	0.840	ug/L			11/18/25 14:24	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/18/25 14:24	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/18/25 14:24	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/18/25 14:24	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/18/25 14:24	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/18/25 14:24	1
Dibromomethane	ND		5.00	0.220	ug/L			11/18/25 14:24	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/18/25 14:24	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/18/25 14:24	1

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

Lab Sample ID: MB 400-730935/5
Matrix: Water
Analysis Batch: 730935

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/18/25 14:24	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/18/25 14:24	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/18/25 14:24	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/18/25 14:24	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/18/25 14:24	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/18/25 14:24	1
Hexane	ND		1.00	0.960	ug/L			11/18/25 14:24	1
2-Hexanone	ND		25.0	9.10	ug/L			11/18/25 14:24	1
Iodomethane	ND		1.00	0.900	ug/L			11/18/25 14:24	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/18/25 14:24	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/18/25 14:24	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/18/25 14:24	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/18/25 14:24	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/18/25 14:24	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/18/25 14:24	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/18/25 14:24	1
Naphthalene	ND		5.00	3.00	ug/L			11/18/25 14:24	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/18/25 14:24	1
n-Heptane	ND		1.00	0.690	ug/L			11/18/25 14:24	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/18/25 14:24	1
o-Xylene	ND		5.00	3.00	ug/L			11/18/25 14:24	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/18/25 14:24	1
Styrene	ND		1.00	1.00	ug/L			11/18/25 14:24	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/18/25 14:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/18/25 14:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/18/25 14:24	1
Toluene	ND		1.00	0.900	ug/L			11/18/25 14:24	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/18/25 14:24	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/18/25 14:24	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/18/25 14:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/18/25 14:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/18/25 14:24	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/18/25 14:24	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/18/25 14:24	1
Trichloroethene	ND		1.00	0.480	ug/L			11/18/25 14:24	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/18/25 14:24	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/18/25 14:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/18/25 14:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/18/25 14:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/18/25 14:24	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/18/25 14:24	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/18/25 14:24	1

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

Lab Sample ID: MB 400-730935/5
Matrix: Water
Analysis Batch: 730935

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10.0	6.00	ug/L			11/18/25 14:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*56 - 136*		*11/18/25 14:24*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*11/18/25 14:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 146*		*11/18/25 14:24*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/18/25 14:24*	*1*

Lab Sample ID: LCS 400-730935/1002
Matrix: Water
Analysis Batch: 730935

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	364.1	*+	ug/L		182	43 - 150
Benzene	50.0	52.93		ug/L		106	70 - 130
Bromobenzene	50.0	49.73		ug/L		99	70 - 132
Bromoform	50.0	48.89		ug/L		98	57 - 140
Bromomethane	50.0	76.56	*+	ug/L		153	10 - 150
2-Butanone (MEK)	200	243.2		ug/L		122	61 - 145
Carbon disulfide	50.0	47.23		ug/L		94	61 - 137
Carbon tetrachloride	50.0	49.41		ug/L		99	61 - 137
Chlorobenzene	50.0	50.60		ug/L		101	70 - 130
Chlorobromomethane	50.0	54.41		ug/L		109	70 - 130
Chlorodibromomethane	50.0	51.47		ug/L		103	67 - 135
Chloroethane	50.0	56.46		ug/L		113	55 - 141
Chloroform	50.0	54.63		ug/L		109	69 - 130
Chloromethane	50.0	79.89	*+	ug/L		160	58 - 137
2-Chlorotoluene	50.0	52.48		ug/L		105	70 - 130
4-Chlorotoluene	50.0	52.28		ug/L		105	70 - 130
cis-1,2-Dichloroethene	50.0	57.47		ug/L		115	68 - 130
cis-1,3-Dichloropropene	50.0	53.42		ug/L		107	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	48.50		ug/L		97	54 - 135
Dibromomethane	50.0	53.19		ug/L		106	70 - 130
1,2-Dichlorobenzene	50.0	50.56		ug/L		101	67 - 130
1,3-Dichlorobenzene	50.0	50.07		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	50.04		ug/L		100	70 - 130
Dichlorobromomethane	50.0	53.94		ug/L		108	67 - 133
1,1-Dichloroethane	50.0	55.31		ug/L		111	70 - 130
1,2-Dichloroethane	50.0	56.48		ug/L		113	69 - 130
1,1-Dichloroethene	50.0	48.91		ug/L		98	63 - 134
1,2-Dichloropropane	50.0	58.90		ug/L		118	70 - 130
1,3-Dichloropropane	50.0	54.35		ug/L		109	70 - 130
2,2-Dichloropropane	50.0	50.80		ug/L		102	52 - 135
1,1-Dichloropropene	50.0	52.29		ug/L		105	70 - 130
Ethyl acetate	100	104.1		ug/L		104	34 - 150
Ethylbenzene	50.0	52.81		ug/L		106	70 - 130
Ethylene Dibromide	50.0	51.27		ug/L		103	70 - 130
Hexachlorobutadiene	50.0	50.62		ug/L		101	53 - 140

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

Lab Sample ID: LCS 400-730935/1002
Matrix: Water
Analysis Batch: 730935

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	50.0	51.24		ug/L		102	69 - 130
2-Hexanone	200	243.6		ug/L		122	65 - 137
Iodomethane	50.0	43.65		ug/L		87	27 - 150
Isopropylbenzene	50.0	51.61		ug/L		103	70 - 130
Isopropyl ether	50.0	64.23		ug/L		128	64 - 132
4-Isopropyltoluene	50.0	51.56		ug/L		103	65 - 130
Methylene Chloride	50.0	51.16		ug/L		102	66 - 135
4-Methyl-2-pentanone (MIBK)	200	251.6		ug/L		126	69 - 138
Methyl tert-butyl ether	50.0	51.32		ug/L		103	66 - 130
m-Xylene & p-Xylene	50.0	51.28		ug/L		103	70 - 130
Naphthalene	50.0	45.20		ug/L		90	47 - 149
n-Butylbenzene	50.0	54.68		ug/L		109	67 - 130
n-Heptane	50.0	55.09		ug/L		110	70 - 130
N-Propylbenzene	50.0	50.19		ug/L		100	70 - 130
o-Xylene	50.0	51.79		ug/L		104	70 - 130
sec-Butylbenzene	50.0	52.81		ug/L		106	66 - 130
Styrene	50.0	50.01		ug/L		100	70 - 130
tert-Butylbenzene	50.0	52.62		ug/L		105	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.50		ug/L		101	67 - 131
1,1,2,2-Tetrachloroethane	50.0	53.32		ug/L		107	70 - 131
Tetrachloroethene	50.0	48.94		ug/L		98	65 - 130
Toluene	50.0	51.04		ug/L		102	70 - 130
trans-1,4-Dichloro-2-butene	50.0	65.21		ug/L		130	57 - 140
trans-1,2-Dichloroethene	50.0	48.82		ug/L		98	70 - 130
trans-1,3-Dichloropropene	50.0	52.90		ug/L		106	63 - 130
1,2,3-Trichlorobenzene	50.0	45.88		ug/L		92	60 - 138
1,2,4-Trichlorobenzene	50.0	48.27		ug/L		97	60 - 140
1,1,1-Trichloroethane	50.0	51.54		ug/L		103	68 - 130
1,1,2-Trichloroethane	50.0	53.44		ug/L		107	70 - 130
Trichloroethene	50.0	48.99		ug/L		98	70 - 130
Trichlorofluoromethane	50.0	52.98		ug/L		106	65 - 138
1,2,3-Trichloropropane	50.0	50.76		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.66		ug/L		97	60 - 139
1,2,4-Trimethylbenzene	50.0	51.05		ug/L		102	70 - 130
1,3,5-Trimethylbenzene	50.0	51.38		ug/L		103	69 - 130
Vinyl acetate	100	123.5		ug/L		123	26 - 150
Vinyl chloride	50.0	59.86		ug/L		120	59 - 136
Xylenes, Total	100	103.1		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

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

Lab Sample ID: 680-268085-1 MS
Matrix: Water
Analysis Batch: 730935

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	*+	200	133.3		ug/L		67	43 - 150
Benzene	ND		50.0	51.79		ug/L		104	56 - 142
Bromobenzene	ND		50.0	51.77		ug/L		104	59 - 136
Bromoform	ND		50.0	46.74		ug/L		93	50 - 140
Bromomethane	ND	*+	50.0	68.82		ug/L		138	10 - 150
2-Butanone (MEK)	ND		200	134.4		ug/L		67	55 - 150
Carbon disulfide	ND		50.0	45.44		ug/L		91	48 - 150
Carbon tetrachloride	ND		50.0	47.63		ug/L		95	55 - 145
Chlorobenzene	ND		50.0	53.18		ug/L		106	64 - 130
Chlorobromomethane	ND		50.0	50.14		ug/L		100	64 - 140
Chlorodibromomethane	ND		50.0	49.42		ug/L		99	56 - 143
Chloroethane	ND		50.0	51.49		ug/L		103	50 - 150
Chloroform	ND		50.0	53.32		ug/L		107	60 - 141
Chloromethane	ND	*+ F1	50.0	75.13	F1	ug/L		150	49 - 148
2-Chlorotoluene	ND		50.0	57.89		ug/L		116	53 - 134
4-Chlorotoluene	ND		50.0	58.17		ug/L		116	54 - 133
cis-1,2-Dichloroethene	ND		50.0	55.66		ug/L		111	59 - 143
cis-1,3-Dichloropropene	ND		50.0	51.67		ug/L		103	57 - 140
1,2-Dibromo-3-Chloropropane	ND		50.0	44.29		ug/L		89	45 - 135
Dibromomethane	ND		50.0	50.63		ug/L		101	63 - 138
1,2-Dichlorobenzene	ND		50.0	53.96		ug/L		108	52 - 137
1,3-Dichlorobenzene	ND		50.0	54.40		ug/L		109	54 - 135
1,4-Dichlorobenzene	ND		50.0	54.69		ug/L		109	53 - 135
Dichlorobromomethane	ND		50.0	52.35		ug/L		105	59 - 143
1,1-Dichloroethane	ND		50.0	52.96		ug/L		106	61 - 144
1,2-Dichloroethane	ND		50.0	53.41		ug/L		107	60 - 141
1,1-Dichloroethene	ND		50.0	47.64		ug/L		95	54 - 147
1,2-Dichloropropane	ND		50.0	55.86		ug/L		112	66 - 137
1,3-Dichloropropane	ND		50.0	52.38		ug/L		105	66 - 133
2,2-Dichloropropane	ND		50.0	49.03		ug/L		98	42 - 144
1,1-Dichloropropene	ND		50.0	51.87		ug/L		104	65 - 136
Ethyl acetate	ND		100	97.74		ug/L		98	34 - 150
Ethylbenzene	ND		50.0	56.60		ug/L		113	58 - 131
Ethylene Dibromide	ND		50.0	50.40		ug/L		101	64 - 132
Hexachlorobutadiene	ND		50.0	62.95		ug/L		126	31 - 149
Hexane	ND		50.0	48.96		ug/L		98	60 - 142
2-Hexanone	ND		200	151.0		ug/L		76	65 - 140
Iodomethane	ND		50.0	42.73		ug/L		85	20 - 150
Isopropylbenzene	ND		50.0	58.21		ug/L		116	56 - 133
Isopropyl ether	ND		50.0	61.51		ug/L		123	60 - 144
4-Isopropyltoluene	ND		50.0	60.53		ug/L		121	48 - 139
Methylene Chloride	ND		50.0	48.41		ug/L		97	60 - 146
4-Methyl-2-pentanone (MIBK)	ND		200	220.2		ug/L		110	63 - 146
Methyl tert-butyl ether	ND		50.0	47.89		ug/L		96	59 - 137
m-Xylene & p-Xylene	ND		50.0	56.09		ug/L		112	57 - 130
Naphthalene	ND		50.0	45.55		ug/L		91	25 - 150
n-Butylbenzene	ND		50.0	66.08		ug/L		132	41 - 142
n-Heptane	ND		50.0	54.47		ug/L		109	64 - 142

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

Lab Sample ID: 680-268085-1 MS
Matrix: Water
Analysis Batch: 730935

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	ND		50.0	57.17		ug/L		114	51 - 138
o-Xylene	ND		50.0	55.89		ug/L		112	61 - 130
sec-Butylbenzene	ND		50.0	61.45		ug/L		123	50 - 138
Styrene	ND		50.0	53.97		ug/L		108	58 - 131
tert-Butylbenzene	ND		50.0	60.04		ug/L		120	54 - 146
1,1,1,2-Tetrachloroethane	ND		50.0	50.91		ug/L		102	59 - 137
1,1,2,2-Tetrachloroethane	ND		50.0	51.34		ug/L		103	66 - 135
Tetrachloroethene	ND		50.0	47.48		ug/L		95	52 - 133
Toluene	ND		50.0	52.62		ug/L		105	65 - 130
trans-1,4-Dichloro-2-butene	ND		50.0	62.36		ug/L		125	43 - 147
trans-1,2-Dichloroethene	ND		50.0	47.35		ug/L		95	61 - 143
trans-1,3-Dichloropropene	ND		50.0	51.95		ug/L		104	53 - 133
1,2,3-Trichlorobenzene	ND		50.0	48.13		ug/L		96	43 - 145
1,2,4-Trichlorobenzene	ND		50.0	52.14		ug/L		104	39 - 148
1,1,1-Trichloroethane	ND		50.0	49.50		ug/L		99	57 - 142
1,1,2-Trichloroethane	ND		50.0	51.46		ug/L		103	66 - 131
Trichloroethene	ND		50.0	48.41		ug/L		97	64 - 136
Trichlorofluoromethane	ND		50.0	58.72		ug/L		117	54 - 150
1,2,3-Trichloropropane	ND		50.0	49.41		ug/L		99	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	47.31		ug/L		95	55 - 150
1,2,4-Trimethylbenzene	ND		50.0	58.23		ug/L		116	50 - 139
1,3,5-Trimethylbenzene	ND		50.0	58.33		ug/L		117	52 - 135
Vinyl acetate	ND		100	119.0		ug/L		119	26 - 150
Vinyl chloride	ND		50.0	57.17		ug/L		114	46 - 150
Xylenes, Total	ND		100	112.0		ug/L		112	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*
Toluene-d8 (Surr)	*101*		*64 - 132*

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 730935

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	*+	200	147.0		ug/L		73	43 - 150	10	30
Benzene	ND		50.0	56.22		ug/L		112	56 - 142	8	30
Bromobenzene	ND		50.0	56.44		ug/L		113	59 - 136	9	30
Bromoform	ND		50.0	52.37		ug/L		105	50 - 140	11	30
Bromomethane	ND	*+	50.0	64.21		ug/L		128	10 - 150	7	50
2-Butanone (MEK)	ND		200	148.1		ug/L		74	55 - 150	10	30
Carbon disulfide	ND		50.0	50.78		ug/L		102	48 - 150	11	30
Carbon tetrachloride	ND		50.0	52.48		ug/L		105	55 - 145	10	30
Chlorobenzene	ND		50.0	58.03		ug/L		116	64 - 130	9	30
Chlorobromomethane	ND		50.0	55.32		ug/L		111	64 - 140	10	30
Chlorodibromomethane	ND		50.0	54.24		ug/L		108	56 - 143	9	30

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

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 730935

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	ND		50.0	54.55		ug/L		109	50 - 150	6	30
Chloroform	ND		50.0	57.11		ug/L		114	60 - 141	7	30
Chloromethane	ND	*+ F1	50.0	86.64	F1	ug/L		173	49 - 148	14	31
2-Chlorotoluene	ND		50.0	62.14		ug/L		124	53 - 134	7	30
4-Chlorotoluene	ND		50.0	62.63		ug/L		125	54 - 133	7	30
cis-1,2-Dichloroethene	ND		50.0	60.75		ug/L		121	59 - 143	9	30
cis-1,3-Dichloropropene	ND		50.0	56.33		ug/L		113	57 - 140	9	30
1,2-Dibromo-3-Chloropropane	ND		50.0	49.79		ug/L		100	45 - 135	12	30
Dibromomethane	ND		50.0	54.60		ug/L		109	63 - 138	8	30
1,2-Dichlorobenzene	ND		50.0	59.26		ug/L		119	52 - 137	9	30
1,3-Dichlorobenzene	ND		50.0	59.37		ug/L		119	54 - 135	9	30
1,4-Dichlorobenzene	ND		50.0	59.79		ug/L		120	53 - 135	9	30
Dichlorobromomethane	ND		50.0	56.76		ug/L		114	59 - 143	8	30
1,1-Dichloroethane	ND		50.0	58.79		ug/L		118	61 - 144	10	30
1,2-Dichloroethane	ND		50.0	57.53		ug/L		115	60 - 141	7	30
1,1-Dichloroethene	ND		50.0	50.51		ug/L		101	54 - 147	6	30
1,2-Dichloropropane	ND		50.0	60.61		ug/L		121	66 - 137	8	30
1,3-Dichloropropane	ND		50.0	57.25		ug/L		115	66 - 133	9	30
2,2-Dichloropropane	ND		50.0	53.20		ug/L		106	42 - 144	8	31
1,1-Dichloropropene	ND		50.0	55.84		ug/L		112	65 - 136	7	30
Ethyl acetate	ND		100	110.5		ug/L		110	34 - 150	12	30
Ethylbenzene	ND		50.0	60.88		ug/L		122	58 - 131	7	30
Ethylene Dibromide	ND		50.0	54.77		ug/L		110	64 - 132	8	30
Hexachlorobutadiene	ND		50.0	68.30		ug/L		137	31 - 149	8	36
Hexane	ND		50.0	54.64		ug/L		109	60 - 142	11	30
2-Hexanone	ND		200	165.2		ug/L		83	65 - 140	9	30
Iodomethane	ND		50.0	46.16		ug/L		92	20 - 150	8	44
Isopropylbenzene	ND		50.0	62.21		ug/L		124	56 - 133	7	30
Isopropyl ether	ND		50.0	63.93		ug/L		128	60 - 144	4	30
4-Isopropyltoluene	ND		50.0	66.12		ug/L		132	48 - 139	9	30
Methylene Chloride	ND		50.0	55.36		ug/L		111	60 - 146	13	32
4-Methyl-2-pentanone (MIBK)	ND		200	239.8		ug/L		120	63 - 146	9	30
Methyl tert-butyl ether	ND		50.0	52.96		ug/L		106	59 - 137	10	30
m-Xylene & p-Xylene	ND		50.0	60.21		ug/L		120	57 - 130	7	30
Naphthalene	ND		50.0	51.31		ug/L		103	25 - 150	12	30
n-Butylbenzene	ND		50.0	70.02		ug/L		140	41 - 142	6	31
n-Heptane	ND		50.0	59.83		ug/L		120	64 - 142	9	30
N-Propylbenzene	ND		50.0	61.77		ug/L		124	51 - 138	8	30
o-Xylene	ND		50.0	59.73		ug/L		119	61 - 130	7	30
sec-Butylbenzene	ND		50.0	66.28		ug/L		133	50 - 138	8	30
Styrene	ND		50.0	58.01		ug/L		116	58 - 131	7	30
tert-Butylbenzene	ND		50.0	64.12		ug/L		128	54 - 146	7	30
1,1,1,2-Tetrachloroethane	ND		50.0	54.94		ug/L		110	59 - 137	8	30
1,1,2,2-Tetrachloroethane	ND		50.0	55.89		ug/L		112	66 - 135	8	30
Tetrachloroethene	ND		50.0	52.93		ug/L		106	52 - 133	11	30
Toluene	ND		50.0	56.96		ug/L		114	65 - 130	8	30
trans-1,4-Dichloro-2-butene	ND		50.0	61.65		ug/L		123	43 - 147	1	36
trans-1,2-Dichloroethene	ND		50.0	52.45		ug/L		105	61 - 143	10	30
trans-1,3-Dichloropropene	ND		50.0	56.78		ug/L		114	53 - 133	9	30

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

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 730935

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	ND		50.0	55.24		ug/L		110	43 - 145	14	30
1,2,4-Trichlorobenzene	ND		50.0	57.80		ug/L		116	39 - 148	10	30
1,1,1-Trichloroethane	ND		50.0	53.53		ug/L		107	57 - 142	8	30
1,1,2-Trichloroethane	ND		50.0	56.03		ug/L		112	66 - 131	9	30
Trichloroethene	ND		50.0	52.85		ug/L		106	64 - 136	9	30
Trichlorofluoromethane	ND		50.0	61.56		ug/L		123	54 - 150	5	30
1,2,3-Trichloropropane	ND		50.0	53.36		ug/L		107	65 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	51.60		ug/L		103	55 - 150	9	30
1,2,4-Trimethylbenzene	ND		50.0	62.97		ug/L		126	50 - 139	8	30
1,3,5-Trimethylbenzene	ND		50.0	62.58		ug/L		125	52 - 135	7	30
Vinyl acetate	ND		100	130.7		ug/L		131	26 - 150	9	33
Vinyl chloride	ND		50.0	64.71		ug/L		129	46 - 150	12	30
Xylenes, Total	ND		100	119.9		ug/L		120	59 - 130	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*56 - 136*
Dibromofluoromethane	*99*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 14:00	11/11/25 12:56	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 12:56	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 12:56	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 12:56	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 12:56	1

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 12:56	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 12:56	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 12:56	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 12:56	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 12:56	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
2-Fluorobiphenyl (Surr)	*88*		*25 - 139*	*11/09/25 14:00*	*11/11/25 12:56*	*1*

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	91		10 - 150	11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene-d5 (Surr)	120		22 - 150	11/09/25 14:00	11/11/25 12:56	1
Phenol-d5 (Surr)	90		10 - 150	11/09/25 14:00	11/11/25 12:56	1
Terphenyl-d14 (Surr)	84		28 - 150	11/09/25 14:00	11/11/25 12:56	1

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.11		ug/L		57	27 - 120
2,4,5-Trichlorophenol	33.3	24.25		ug/L		73	27 - 136
2,4,6-Trichlorophenol	33.3	24.96		ug/L		75	21 - 132
2,4-Dichlorophenol	33.3	24.87		ug/L		75	30 - 125
2,4-Dimethylphenol	33.3	20.41		ug/L		61	10 - 142
2,4-Dinitrophenol	66.7	66.68		ug/L		100	10 - 150
2,4-Dinitrotoluene	33.3	35.63		ug/L		107	30 - 129
2,6-Dinitrotoluene	33.3	41.04		ug/L		123	34 - 132
2-Chloronaphthalene	33.3	18.77		ug/L		56	10 - 150
2-Chlorophenol	33.3	24.66		ug/L		74	28 - 127
2-Methylnaphthalene	33.3	18.25		ug/L		55	24 - 150
2-Methylphenol	33.3	26.11		ug/L		78	11 - 121
2-Nitroaniline	33.3	41.72		ug/L		125	31 - 141
2-Nitrophenol	33.3	50.69	*+	ug/L		152	31 - 142
3 & 4 Methylphenol	33.3	23.97		ug/L		72	10 - 150
3,3'-Dichlorobenzidine	66.7	24.53		ug/L		37	10 - 150
3-Nitroaniline	33.3	35.88		ug/L		108	33 - 136
4,6-Dinitro-2-methylphenol	66.7	89.48		ug/L		134	10 - 150
4-Bromophenyl phenyl ether	33.3	22.80		ug/L		68	24 - 120
4-Chloro-3-methylphenol	33.3	25.71		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.91		ug/L		78	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.73		ug/L		68	31 - 110
4-Nitroaniline	33.3	35.46		ug/L		106	37 - 139
4-Nitrophenol	66.7	64.13		ug/L		96	10 - 150
Acenaphthene	33.3	21.70		ug/L		65	29 - 150
Acenaphthylene	33.3	21.02		ug/L		63	30 - 150
Acetophenone	33.3	23.42		ug/L		70	27 - 119
Anthracene	33.3	25.81		ug/L		77	31 - 150
Atrazine	33.3	22.66		ug/L		68	10 - 150
Benzaldehyde	33.3	18.82		ug/L		56	10 - 150
Benzo[a]anthracene	33.3	22.37		ug/L		67	36 - 150
Benzo[a]pyrene	33.3	24.44		ug/L		73	29 - 150
Benzo[b]fluoranthene	33.3	22.70		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	25.26		ug/L		76	28 - 150
Benzo[k]fluoranthene	33.3	25.79		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.76		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.26		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	23.80		ug/L		71	32 - 114

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

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	33.3	23.15		ug/L		69	24 - 133
Butyl benzyl phthalate	33.3	24.20		ug/L		73	24 - 140
Caprolactam	33.3	28.73		ug/L		86	10 - 150
Carbazole	33.3	26.40		ug/L		79	28 - 123
Chrysene	33.3	22.80		ug/L		68	34 - 150
Dibenz(a,h)anthracene	33.3	23.71		ug/L		71	29 - 150
Dibenzofuran	33.3	23.86		ug/L		72	35 - 110
Diethyl phthalate	33.3	15.06		ug/L		45	31 - 118
Dimethyl phthalate	33.3	15.53		ug/L		47	24 - 125
Di-n-butyl phthalate	33.3	21.33		ug/L		64	30 - 127
Di-n-octyl phthalate	33.3	25.13		ug/L		75	28 - 142
Fluoranthene	33.3	27.29		ug/L		82	30 - 150
Fluorene	33.3	23.06		ug/L		69	30 - 150
Hexachlorobenzene	33.3	25.47		ug/L		76	29 - 113
Hexachlorobutadiene	33.3	7.418	J	ug/L		22	10 - 117
Hexachlorocyclopentadiene	33.3	8.691	J	ug/L		26	10 - 150
Hexachloroethane	33.3	9.070	J	ug/L		27	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.91		ug/L		66	28 - 150
Isophorone	33.3	23.33		ug/L		70	29 - 125
Naphthalene	33.3	18.89		ug/L		57	27 - 150
Nitrobenzene	33.3	30.97		ug/L		93	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.77		ug/L		65	50 - 134
N-Nitrosodiphenylamine	33.1	25.70		ug/L		78	50 - 132
Pentachlorophenol	66.7	65.92		ug/L		99	14 - 150
Phenanthrene	33.3	25.19		ug/L		76	32 - 150
Phenol	33.3	21.48		ug/L		64	10 - 150
Pyrene	33.3	26.87		ug/L		81	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 150*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*
2-Fluorophenol (Surr)	*70*		*10 - 150*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*
Phenol-d5 (Surr)	*70*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-729840/1-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/08/25 10:41	11/11/25 15:19	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 140*	*11/08/25 10:41*	*11/11/25 15:19*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 400-729840/2-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729840

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	18.33		ug/L		115	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*10 - 140*

Lab Sample ID: LCSD 400-729840/3-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729840

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.61		ug/L		110	30 - 150	4	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*31*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186617/3-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.900	0.0333	ug/L		11/10/25 09:22	11/10/25 21:32	1
Arsenic	ND		3.60	0.351	ug/L		11/10/25 09:22	11/10/25 21:32	1
Chromium	ND		1.80	0.349	ug/L		11/10/25 09:22	11/10/25 21:32	1
Copper	0.6481	J	1.80	0.579	ug/L		11/10/25 09:22	11/10/25 21:32	1
Cadmium	ND		1.80	0.221	ug/L		11/10/25 09:22	11/10/25 21:32	1
Cobalt	ND		1.80	0.0918	ug/L		11/10/25 09:22	11/10/25 21:32	1
Barium	ND		3.60	0.331	ug/L		11/10/25 09:22	11/10/25 21:32	1
Beryllium	ND		0.900	0.288	ug/L		11/10/25 09:22	11/10/25 21:32	1
Manganese	ND		0.900	0.888	ug/L		11/10/25 09:22	11/10/25 21:32	1
Nickel	ND		3.60	0.824	ug/L		11/10/25 09:22	11/10/25 21:32	1
Lead	ND		1.80	0.219	ug/L		11/10/25 09:22	11/10/25 21:32	1
Antimony	ND		1.80	0.366	ug/L		11/10/25 09:22	11/10/25 21:32	1
Selenium	ND		3.60	0.435	ug/L		11/10/25 09:22	11/10/25 21:32	1
Thallium	ND		0.900	0.314	ug/L		11/10/25 09:22	11/10/25 21:32	1
Vanadium	ND		1.80	0.437	ug/L		11/10/25 09:22	11/10/25 21:32	1
Zinc	ND		3.60	1.16	ug/L		11/10/25 09:22	11/10/25 21:32	1

Lab Sample ID: LCS 670-186617/1-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186617

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			100	94.71		ug/L		95	80 - 120		
Arsenic			100	99.30		ug/L		99	80 - 120		
Chromium			100	96.91		ug/L		97	80 - 120		
Copper			100	96.32		ug/L		96	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 670-186617/1-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	91.13		ug/L		91	80 - 120
Cobalt	100	94.14		ug/L		94	80 - 120
Barium	100	91.73		ug/L		92	80 - 120
Beryllium	100	100.0		ug/L		100	80 - 120
Manganese	1100	1107		ug/L		101	80 - 120
Nickel	100	97.81		ug/L		98	80 - 120
Lead	100	92.40		ug/L		92	80 - 120
Antimony	100	95.36		ug/L		95	80 - 120
Selenium	100	94.25		ug/L		94	80 - 120
Thallium	100	92.76		ug/L		93	80 - 120
Vanadium	100	97.41		ug/L		97	80 - 120
Zinc	100	95.83		ug/L		96	80 - 120

Lab Sample ID: LCSD 670-186617/2-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186617

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	100	94.16		ug/L		94	80 - 120	1	20
Arsenic	100	98.73		ug/L		99	80 - 120	1	20
Chromium	100	97.38		ug/L		97	80 - 120	0	20
Copper	100	96.62		ug/L		97	80 - 120	0	20
Cadmium	100	89.78		ug/L		90	80 - 120	1	20
Cobalt	100	93.74		ug/L		94	80 - 120	0	20
Barium	100	92.31		ug/L		92	80 - 120	1	20
Beryllium	100	103.0		ug/L		103	80 - 120	3	20
Manganese	1100	1125		ug/L		102	80 - 120	2	20
Nickel	100	97.21		ug/L		97	80 - 120	1	20
Lead	100	91.43		ug/L		91	80 - 120	1	20
Antimony	100	94.84		ug/L		95	80 - 120	1	20
Selenium	100	94.23		ug/L		94	80 - 120	0	20
Thallium	100	91.73		ug/L		92	80 - 120	1	20
Vanadium	100	97.00		ug/L		97	80 - 120	0	20
Zinc	100	96.41		ug/L		96	80 - 120	1	20

Lab Sample ID: MB 670-186637/3-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.900	0.0333	ug/L		11/10/25 09:50	11/10/25 23:00	1
Arsenic	ND		3.60	0.351	ug/L		11/10/25 09:50	11/10/25 23:00	1
Chromium	ND		1.80	0.349	ug/L		11/10/25 09:50	11/10/25 23:00	1
Copper	ND		1.80	0.579	ug/L		11/10/25 09:50	11/10/25 23:00	1
Cadmium	ND		1.80	0.221	ug/L		11/10/25 09:50	11/10/25 23:00	1
Cobalt	ND		1.80	0.0918	ug/L		11/10/25 09:50	11/10/25 23:00	1
Barium	ND		3.60	0.331	ug/L		11/10/25 09:50	11/10/25 23:00	1
Beryllium	ND		0.900	0.288	ug/L		11/10/25 09:50	11/10/25 23:00	1
Manganese	ND		0.900	0.888	ug/L		11/10/25 09:50	11/10/25 23:00	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 670-186637/3-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		3.60	0.824	ug/L		11/10/25 09:50	11/10/25 23:00	1
Lead	ND		1.80	0.219	ug/L		11/10/25 09:50	11/10/25 23:00	1
Antimony	ND		1.80	0.366	ug/L		11/10/25 09:50	11/10/25 23:00	1
Selenium	ND		3.60	0.435	ug/L		11/10/25 09:50	11/10/25 23:00	1
Thallium	ND		0.900	0.314	ug/L		11/10/25 09:50	11/10/25 23:00	1
Vanadium	ND		1.80	0.437	ug/L		11/10/25 09:50	11/10/25 23:00	1
Zinc	ND		3.60	1.16	ug/L		11/10/25 09:50	11/10/25 23:00	1

Lab Sample ID: LCS 670-186637/1-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	100	93.82		ug/L		94	80 - 120
Arsenic	100	98.33		ug/L		98	80 - 120
Chromium	100	97.87		ug/L		98	80 - 120
Copper	100	96.27		ug/L		96	80 - 120
Cadmium	100	89.75		ug/L		90	80 - 120
Cobalt	100	94.10		ug/L		94	80 - 120
Barium	100	90.35		ug/L		90	80 - 120
Beryllium	100	106.5		ug/L		107	80 - 120
Manganese	1100	1166		ug/L		106	80 - 120
Nickel	100	97.08		ug/L		97	80 - 120
Lead	100	91.15		ug/L		91	80 - 120
Antimony	100	93.17		ug/L		93	80 - 120
Selenium	100	94.07		ug/L		94	80 - 120
Thallium	100	92.44		ug/L		92	80 - 120
Vanadium	100	98.15		ug/L		98	80 - 120
Zinc	100	96.55		ug/L		97	80 - 120

Lab Sample ID: LCSD 670-186637/2-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	100	93.46		ug/L		93	80 - 120	0	20
Arsenic	100	99.77		ug/L		100	80 - 120	1	20
Chromium	100	97.79		ug/L		98	80 - 120	0	20
Copper	100	97.07		ug/L		97	80 - 120	1	20
Cadmium	100	88.88		ug/L		89	80 - 120	1	20
Cobalt	100	94.18		ug/L		94	80 - 120	0	20
Barium	100	89.48		ug/L		89	80 - 120	1	20
Beryllium	100	105.3		ug/L		105	80 - 120	1	20
Manganese	1100	1149		ug/L		104	80 - 120	1	20
Nickel	100	98.09		ug/L		98	80 - 120	1	20
Lead	100	91.00		ug/L		91	80 - 120	0	20
Antimony	100	93.19		ug/L		93	80 - 120	0	20
Selenium	100	94.79		ug/L		95	80 - 120	1	20
Thallium	100	93.08		ug/L		93	80 - 120	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 670-186637/2-A
Matrix: Water
Analysis Batch: 186903

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium			100	97.52		ug/L		98	80 - 120	1	20
Zinc			100	96.46		ug/L		96	80 - 120	0	20

Lab Sample ID: 680-268085-7 MS
Matrix: Water
Analysis Batch: 186903

Client Sample ID: A-MW-6
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND		111	102.7		ug/L		92	75 - 125
Arsenic	ND		111	111.3		ug/L		100	75 - 125
Chromium	3.17		111	110.8		ug/L		97	75 - 125
Copper	1.08	J	111	104.6		ug/L		93	75 - 125
Cadmium	ND		111	99.10		ug/L		89	75 - 125
Cobalt	0.158	J	111	101.7		ug/L		91	75 - 125
Barium	278		111	382.1		ug/L		94	75 - 125
Beryllium	ND		111	118.3		ug/L		106	75 - 125
Manganese	11.0		1220	1268		ug/L		103	75 - 125
Nickel	20.5		111	124.3		ug/L		93	75 - 125
Lead	ND		111	99.11		ug/L		89	75 - 125
Antimony	ND		111	103.6		ug/L		93	75 - 125
Selenium	ND		111	106.2		ug/L		96	75 - 125
Thallium	ND		111	100.6		ug/L		91	75 - 125
Vanadium	2.16		111	109.7		ug/L		97	75 - 125
Zinc	2.38	J	111	107.4		ug/L		95	75 - 125

Lab Sample ID: 680-268085-7 MSD
Matrix: Water
Analysis Batch: 186903

Client Sample ID: A-MW-6
Prep Type: Total Recoverable
Prep Batch: 186637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND		111	102.4		ug/L		92	75 - 125	0	20
Arsenic	ND		111	111.6		ug/L		100	75 - 125	0	20
Chromium	3.17		111	110.3		ug/L		96	75 - 125	0	20
Copper	1.08	J	111	105.1		ug/L		94	75 - 125	0	20
Cadmium	ND		111	99.84		ug/L		90	75 - 125	1	20
Cobalt	0.158	J	111	102.6		ug/L		92	75 - 125	1	20
Barium	278		111	379.0		ug/L		91	75 - 125	1	20
Beryllium	ND		111	120.5		ug/L		108	75 - 125	2	20
Manganese	11.0		1220	1295		ug/L		105	75 - 125	2	20
Nickel	20.5		111	125.8		ug/L		95	75 - 125	1	20
Lead	ND		111	98.51		ug/L		89	75 - 125	1	20
Antimony	ND		111	103.1		ug/L		93	75 - 125	0	20
Selenium	ND		111	104.7		ug/L		94	75 - 125	1	20
Thallium	ND		111	99.95		ug/L		90	75 - 125	1	20
Vanadium	2.16		111	110.4		ug/L		97	75 - 125	1	20
Zinc	2.38	J	111	107.5		ug/L		95	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 670-186682/13-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/10/25 11:50	11/11/25 13:21	1

Lab Sample ID: LCS 670-186682/11-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.110		ug/L		102	85 - 115

Lab Sample ID: LCSD 670-186682/12-A
Matrix: Water
Analysis Batch: 187035

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186682

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	5.00	4.990		ug/L		100	85 - 115	2	20

Lab Sample ID: 680-268085-1 MS
Matrix: Water
Analysis Batch: 187035

Client Sample ID: MW-6
Prep Type: Total/NA
Prep Batch: 186682

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		5.00	4.810		ug/L		96	80 - 120

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 187035

Client Sample ID: MW-6
Prep Type: Total/NA
Prep Batch: 186682

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		5.00	4.710		ug/L		94	80 - 120	2	20

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887075/13
Matrix: Water
Analysis Batch: 887075

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/07/25 09:25	1

Lab Sample ID: MB 680-887075/34
Matrix: Water
Analysis Batch: 887075

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/07/25 10:34	1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-887075/14
Matrix: Water
Analysis Batch: 887075

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.015		mg/L		102	90 - 110

Lab Sample ID: LCS 680-887075/35
Matrix: Water
Analysis Batch: 887075

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9700		mg/L		97	90 - 110

Lab Sample ID: 680-268085-1 MS
Matrix: Water
Analysis Batch: 887075

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	0.9714		mg/L		97	90 - 110

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 887075

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	0.9013		mg/L		90	90 - 110	7	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrite

Lab Sample ID: MB 680-887065/13
Matrix: Water
Analysis Batch: 887065

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0100	mg/L			11/06/25 17:27	1

Lab Sample ID: LCS 680-887065/14
Matrix: Water
Analysis Batch: 887065

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	0.500	0.4950		mg/L		99	90 - 110

Lab Sample ID: 680-268085-1 MS
Matrix: Water
Analysis Batch: 887065

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	0.0299	J F1	0.500	0.03220	J F1	mg/L		0.5	90 - 110

Method: 353.2-1993 R2.0 - Nitrogen, Nitrite (Continued)

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 887065

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	0.0299	J F1	0.500	0.03110	J F1	mg/L		0.2	90 - 110	3	10

Lab Sample ID: 680-268085-2 MS
Matrix: Water
Analysis Batch: 887065

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	0.0159	J F1	0.500	ND	F1	mg/L		0	90 - 110

Lab Sample ID: 680-268085-2 MSD
Matrix: Water
Analysis Batch: 887065

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	0.0159	J F1	0.500	0.01160	J F1	mg/L		-0.9	90 - 110	NC	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887078/14
Matrix: Water
Analysis Batch: 887078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/07/25 12:49	1

Lab Sample ID: LCS 680-887078/15
Matrix: Water
Analysis Batch: 887078

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9310		mg/L		93	90 - 110

Lab Sample ID: 680-268085-1 MS
Matrix: Water
Analysis Batch: 887078

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.172	F1	1.00	1.327	F1	mg/L		116	90 - 110

Lab Sample ID: 680-268085-1 MSD
Matrix: Water
Analysis Batch: 887078

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.172	F1	1.00	1.332	F1	mg/L		116	90 - 110	0	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 680-268085-2 MS
Matrix: Water
Analysis Batch: 887078

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	1.37	F1	1.00	2.514	F1 E	mg/L		115	90 - 110		

Lab Sample ID: 680-268085-2 MSD
Matrix: Water
Analysis Batch: 887078

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	1.37	F1	1.00	2.533	F1 E	mg/L		117	90 - 110	1	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-730647/12
Matrix: Water
Analysis Batch: 730647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/14/25 10:58	1

Lab Sample ID: LCS 400-730647/13
Matrix: Water
Analysis Batch: 730647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.29		mg/L		95	90 - 110

Lab Sample ID: MRL 400-730647/14
Matrix: Water
Analysis Batch: 730647

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	3.751	J	mg/L		75	50 - 150

Lab Sample ID: MB 400-730731/12
Matrix: Water
Analysis Batch: 730731

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/16/25 10:01	1

Lab Sample ID: LCS 400-730731/13
Matrix: Water
Analysis Batch: 730731

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	13.95		mg/L		93	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: MRL 400-730731/14
Matrix: Water
Analysis Batch: 730731

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	4.986	J	mg/L		100	50 - 150		

Lab Sample ID: 680-268085-5 MS
Matrix: Water
Analysis Batch: 730731

Client Sample ID: A-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	61.3		10.0	70.38	4	mg/L		91	77 - 128		

Lab Sample ID: 680-268085-5 MSD
Matrix: Water
Analysis Batch: 730731

Client Sample ID: A-MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	61.3		10.0	70.66	4	mg/L		94	77 - 128	0	5

GC/MS VOA

Analysis Batch: 730709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-6	A-MW-4	Total/NA	Water	8260D	
680-268085-7	A-MW-6	Total/NA	Water	8260D	
680-268085-8	110525-DUP-1	Total/NA	Water	8260D	
680-268085-9	TRIP BLANK-1	Total/NA	Water	8260D	
680-268085-10	TRIP BLANK-2	Total/NA	Water	8260D	
MB 400-730709/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730709/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 730935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	8260D	
680-268085-2	MW-7	Total/NA	Water	8260D	
680-268085-3	AMW-1	Total/NA	Water	8260D	
680-268085-4	A-MW-2	Total/NA	Water	8260D	
680-268085-5	A-MW-3	Total/NA	Water	8260D	
MB 400-730935/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730935/1002	Lab Control Sample	Total/NA	Water	8260D	
680-268085-1 MS	MW-6	Total/NA	Water	8260D	
680-268085-1 MSD	MW-6	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	3510C	
680-268085-2	MW-7	Total/NA	Water	3510C	
680-268085-3	AMW-1	Total/NA	Water	3510C	
680-268085-4	A-MW-2	Total/NA	Water	3510C	
680-268085-5	A-MW-3	Total/NA	Water	3510C	
680-268085-6	A-MW-4	Total/NA	Water	3510C	
680-268085-7	A-MW-6	Total/NA	Water	3510C	
680-268085-8	110525-DUP-1	Total/NA	Water	3510C	
MB 400-729840/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729840/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729840/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 729868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	3511	
680-268085-2	MW-7	Total/NA	Water	3511	
680-268085-3	AMW-1	Total/NA	Water	3511	
680-268085-4	A-MW-2	Total/NA	Water	3511	
680-268085-5	A-MW-3	Total/NA	Water	3511	
680-268085-6	A-MW-4	Total/NA	Water	3511	
680-268085-7	A-MW-6	Total/NA	Water	3511	
680-268085-8	110525-DUP-1	Total/NA	Water	3511	
MB 400-729868/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	3511	

GC/MS Semi VOA

Analysis Batch: 730060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-729868/1-A	Method Blank	Total/NA	Water	8270E	729868
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	8270E	729868

Analysis Batch: 730063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	8270E	729868
680-268085-2	MW-7	Total/NA	Water	8270E	729868
680-268085-3	AMW-1	Total/NA	Water	8270E	729868
680-268085-4	A-MW-2	Total/NA	Water	8270E	729868
680-268085-5	A-MW-3	Total/NA	Water	8270E	729868
680-268085-6	A-MW-4	Total/NA	Water	8270E	729868
680-268085-7	A-MW-6	Total/NA	Water	8270E	729868
680-268085-8	110525-DUP-1	Total/NA	Water	8270E	729868

Analysis Batch: 730076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	8270E SIM ID	729840
680-268085-2	MW-7	Total/NA	Water	8270E SIM ID	729840
680-268085-3	AMW-1	Total/NA	Water	8270E SIM ID	729840
680-268085-4	A-MW-2	Total/NA	Water	8270E SIM ID	729840
680-268085-5	A-MW-3	Total/NA	Water	8270E SIM ID	729840
680-268085-6	A-MW-4	Total/NA	Water	8270E SIM ID	729840
680-268085-7	A-MW-6	Total/NA	Water	8270E SIM ID	729840
680-268085-8	110525-DUP-1	Total/NA	Water	8270E SIM ID	729840
MB 400-729840/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729840
LCS 400-729840/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729840
LCSD 400-729840/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729840

Metals

Prep Batch: 186617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total Recoverable	Water	3005A	
680-268085-2	MW-7	Total Recoverable	Water	3005A	
680-268085-3	AMW-1	Total Recoverable	Water	3005A	
680-268085-4	A-MW-2	Total Recoverable	Water	3005A	
680-268085-5	A-MW-3	Total Recoverable	Water	3005A	
680-268085-6	A-MW-4	Total Recoverable	Water	3005A	
MB 670-186617/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-186617/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-186617/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 186637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-7	A-MW-6	Total Recoverable	Water	3005A	
680-268085-8	110525-DUP-1	Total Recoverable	Water	3005A	
MB 670-186637/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-186637/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-186637/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
680-268085-7 MS	A-MW-6	Total Recoverable	Water	3005A	
680-268085-7 MSD	A-MW-6	Total Recoverable	Water	3005A	

Metals

Prep Batch: 186682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	7470A	
680-268085-2	MW-7	Total/NA	Water	7470A	
680-268085-3	AMW-1	Total/NA	Water	7470A	
680-268085-4	A-MW-2	Total/NA	Water	7470A	
680-268085-5	A-MW-3	Total/NA	Water	7470A	
680-268085-6	A-MW-4	Total/NA	Water	7470A	
680-268085-7	A-MW-6	Total/NA	Water	7470A	
680-268085-8	110525-DUP-1	Total/NA	Water	7470A	
MB 670-186682/13-A	Method Blank	Total/NA	Water	7470A	
LCS 670-186682/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 670-186682/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
680-268085-1 MS	MW-6	Total/NA	Water	7470A	
680-268085-1 MSD	MW-6	Total/NA	Water	7470A	

Analysis Batch: 186903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total Recoverable	Water	6020B	186617
680-268085-1	MW-6	Total Recoverable	Water	6020B	186617
680-268085-2	MW-7	Total Recoverable	Water	6020B	186617
680-268085-3	AMW-1	Total Recoverable	Water	6020B	186617
680-268085-4	A-MW-2	Total Recoverable	Water	6020B	186617
680-268085-4	A-MW-2	Total Recoverable	Water	6020B	186617
680-268085-5	A-MW-3	Total Recoverable	Water	6020B	186617
680-268085-5	A-MW-3	Total Recoverable	Water	6020B	186617
680-268085-6	A-MW-4	Total Recoverable	Water	6020B	186617
680-268085-7	A-MW-6	Total Recoverable	Water	6020B	186637
680-268085-8	110525-DUP-1	Total Recoverable	Water	6020B	186637
MB 670-186617/3-A	Method Blank	Total Recoverable	Water	6020B	186617
MB 670-186637/3-A	Method Blank	Total Recoverable	Water	6020B	186637
LCS 670-186617/1-A	Lab Control Sample	Total Recoverable	Water	6020B	186617
LCS 670-186637/1-A	Lab Control Sample	Total Recoverable	Water	6020B	186637
LCSD 670-186617/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	186617
LCSD 670-186637/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	186637
680-268085-7 MS	A-MW-6	Total Recoverable	Water	6020B	186637
680-268085-7 MSD	A-MW-6	Total Recoverable	Water	6020B	186637

Analysis Batch: 187035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	7470A	186682
680-268085-2	MW-7	Total/NA	Water	7470A	186682
680-268085-3	AMW-1	Total/NA	Water	7470A	186682
680-268085-4	A-MW-2	Total/NA	Water	7470A	186682
680-268085-5	A-MW-3	Total/NA	Water	7470A	186682
680-268085-6	A-MW-4	Total/NA	Water	7470A	186682
680-268085-7	A-MW-6	Total/NA	Water	7470A	186682
680-268085-8	110525-DUP-1	Total/NA	Water	7470A	186682
MB 670-186682/13-A	Method Blank	Total/NA	Water	7470A	186682
LCS 670-186682/11-A	Lab Control Sample	Total/NA	Water	7470A	186682
LCSD 670-186682/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	186682
680-268085-1 MS	MW-6	Total/NA	Water	7470A	186682
680-268085-1 MSD	MW-6	Total/NA	Water	7470A	186682

General Chemistry

Analysis Batch: 730647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	SM 4500 SO4 E	
680-268085-2	MW-7	Total/NA	Water	SM 4500 SO4 E	
680-268085-3	AMW-1	Total/NA	Water	SM 4500 SO4 E	
680-268085-4	A-MW-2	Total/NA	Water	SM 4500 SO4 E	
680-268085-6	A-MW-4	Total/NA	Water	SM 4500 SO4 E	
MB 400-730647/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730647/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730647/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 730731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-5	A-MW-3	Total/NA	Water	SM 4500 SO4 E	
680-268085-7	A-MW-6	Total/NA	Water	SM 4500 SO4 E	
680-268085-8	110525-DUP-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-730731/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730731/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730731/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
680-268085-5 MS	A-MW-3	Total/NA	Water	SM 4500 SO4 E	
680-268085-5 MSD	A-MW-3	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-2	MW-7	Total/NA	Water	353.2-1993 R2.0	
680-268085-3	AMW-1	Total/NA	Water	353.2-1993 R2.0	
680-268085-4	A-MW-2	Total/NA	Water	353.2-1993 R2.0	
680-268085-5	A-MW-3	Total/NA	Water	353.2-1993 R2.0	
680-268085-6	A-MW-4	Total/NA	Water	353.2-1993 R2.0	
680-268085-7	A-MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-8	110525-DUP-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887065/13	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887065/14	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
680-268085-1 MS	MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-1 MSD	MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-2 MS	MW-7	Total/NA	Water	353.2-1993 R2.0	
680-268085-2 MSD	MW-7	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	350.1-1993 R2.0	
680-268085-2	MW-7	Total/NA	Water	350.1-1993 R2.0	
680-268085-3	AMW-1	Total/NA	Water	350.1-1993 R2.0	
680-268085-4	A-MW-2	Total/NA	Water	350.1-1993 R2.0	
680-268085-5	A-MW-3	Total/NA	Water	350.1-1993 R2.0	
680-268085-6	A-MW-4	Total/NA	Water	350.1-1993 R2.0	
680-268085-7	A-MW-6	Total/NA	Water	350.1-1993 R2.0	
680-268085-8	110525-DUP-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887075/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887075/34	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887075/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887075/35	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	

General Chemistry (Continued)

Analysis Batch: 887075 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1 MS	MW-6	Total/NA	Water	350.1-1993 R2.0	
680-268085-1 MSD	MW-6	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-2	MW-7	Total/NA	Water	353.2-1993 R2.0	
680-268085-3	AMW-1	Total/NA	Water	353.2-1993 R2.0	
680-268085-4	A-MW-2	Total/NA	Water	353.2-1993 R2.0	
680-268085-5	A-MW-3	Total/NA	Water	353.2-1993 R2.0	
680-268085-6	A-MW-4	Total/NA	Water	353.2-1993 R2.0	
680-268085-7	A-MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-8	110525-DUP-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887078/14	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887078/15	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
680-268085-1 MS	MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-1 MSD	MW-6	Total/NA	Water	353.2-1993 R2.0	
680-268085-2 MS	MW-7	Total/NA	Water	353.2-1993 R2.0	
680-268085-2 MSD	MW-7	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-268085-1	MW-6	Total/NA	Water	Nitrate by calc	
680-268085-2	MW-7	Total/NA	Water	Nitrate by calc	
680-268085-3	AMW-1	Total/NA	Water	Nitrate by calc	
680-268085-4	A-MW-2	Total/NA	Water	Nitrate by calc	
680-268085-5	A-MW-3	Total/NA	Water	Nitrate by calc	
680-268085-6	A-MW-4	Total/NA	Water	Nitrate by calc	
680-268085-7	A-MW-6	Total/NA	Water	Nitrate by calc	
680-268085-8	110525-DUP-1	Total/NA	Water	Nitrate by calc	

Client Sample ID: MW-6

Lab Sample ID: 680-268085-1

Date Collected: 11/05/25 12:25

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730935	11/18/25 15:32	CAR	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			30 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 17:16	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			272.2 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 16:23	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 21:44	JA	EET ORL
	Instrument ID: ICPMS_001									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		5			186903	11/10/25 21:47	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:30	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:10	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:29	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 12:58	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:09	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: MW-7

Lab Sample ID: 680-268085-2

Date Collected: 11/05/25 13:15

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730935	11/18/25 17:18	CAR	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			30.1 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 17:46	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			269.6 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 16:44	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 21:52	JA	EET ORL
	Instrument ID: ICPMS_001									

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Client Sample ID: MW-7

Lab Sample ID: 680-268085-2

Date Collected: 11/05/25 13:15

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:31	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:18	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:32	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:03	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:10	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: AMW-1

Lab Sample ID: 680-268085-3

Date Collected: 11/05/25 10:33

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730935	11/18/25 17:45	CAR	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.9 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 18:16	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			258.8 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 17:06	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 21:55	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:32	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:21	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:35	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:09	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:10	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: A-MW-2

Lab Sample ID: 680-268085-4

Date Collected: 11/05/25 11:35

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730935	11/18/25 18:11	CAR	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.5 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 18:46	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			265.4 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 17:27	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 22:00	JA	EET ORL
	Instrument ID: ICPMS_001									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		5			186903	11/10/25 22:03	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:34	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:24	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:36	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:10	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:11	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: A-MW-3

Lab Sample ID: 680-268085-5

Date Collected: 11/05/25 14:05

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730935	11/18/25 18:38	CAR	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			30.3 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 19:16	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			268.6 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 17:48	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 22:05	JA	EET ORL
	Instrument ID: ICPMS_001									

Client Sample ID: A-MW-3

Lab Sample ID: 680-268085-5

Date Collected: 11/05/25 14:05

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		5			186903	11/10/25 22:08	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:35	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:26	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:37	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:12	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		5	10 mL	10 mL	730731	11/16/25 10:54	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: A-MW-4

Lab Sample ID: 680-268085-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730709	11/15/25 20:13	BPO	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.6 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 19:46	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			256 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 18:10	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186617	11/10/25 09:22	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 22:13	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:37	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:40	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:38	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:14	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: A-MW-4

Lab Sample ID: 680-268085-6

Date Collected: 11/05/25 13:47

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 SO4 E		1	10 mL	10 mL	730647	11/14/25 11:12	CJK	EET PEN

Client Sample ID: A-MW-6

Lab Sample ID: 680-268085-7

Date Collected: 11/05/25 11:10

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730709	11/15/25 20:40	BPO	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			29.9 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 20:16	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			272.6 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 18:31	KJA	EET PEN
	Instrument ID: Peanuts									
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:10	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:38	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:42	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:39	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:16	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		2	10 mL	10 mL	730731	11/16/25 10:14	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: 110525-DUP-1

Lab Sample ID: 680-268085-8

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730709	11/15/25 21:06	BPO	EET PEN
	Instrument ID: CH_WASP									
Total/NA	Prep	3511			30 mL	2 mL	729868	11/09/25 14:00	JPH	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	730063	11/11/25 20:46	JAW	EET PEN
	Instrument ID: Mace									
Total/NA	Prep	3510C			268.4 mL	1 mL	729840	11/08/25 10:41	AMM	EET PEN
Total/NA	Analysis	8270E SIM ID		1	0.4 mL	0.4 mL	730076	11/11/25 18:52	KJA	EET PEN
	Instrument ID: Peanuts									

Lab Chronicle

Client: S&ME Inc
Job ID: 680-268085-1
Project/Site: Lyon Park

Client Sample ID: 110525-DUP-1
Lab Sample ID: 680-268085-8
Date Collected: 11/05/25 00:00
Matrix: Water
Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			45 mL	50 mL	186637	11/10/25 09:50	JR	EET ORL
Total Recoverable	Analysis	6020B		1			186903	11/10/25 23:12	JA	EET ORL
	Instrument ID: ICPMS_001									
Total/NA	Prep	7470A			40 mL	40 mL	186682	11/10/25 11:50	CM	EET ORL
Total/NA	Analysis	7470A		1			187035	11/11/25 13:39	EB	EET ORL
	Instrument ID: HG_001									
Total/NA	Analysis	350.1-1993 R2.0		1	2 mL	2 mL	887075	11/07/25 10:45	DJ	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887065	11/06/25 17:40	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	353.2-1993 R2.0		1	2 mL	2 mL	887078	11/07/25 13:22	NVF	EET SAV
	Instrument ID: SEAL 1									
Total/NA	Analysis	Nitrate by calc		1			887081	11/07/25 17:25	NVF	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 SO4 E		5	10 mL	10 mL	730731	11/16/25 10:56	CJK	EET PEN
	Instrument ID: Dr_Strange									

Client Sample ID: TRIP BLANK-1
Lab Sample ID: 680-268085-9
Date Collected: 11/05/25 00:00
Matrix: Water
Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730709	11/15/25 18:53	BPO	EET PEN
	Instrument ID: CH_WASP									

Client Sample ID: TRIP BLANK-2
Lab Sample ID: 680-268085-10
Date Collected: 11/05/25 00:00
Matrix: Water
Date Received: 11/06/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	730709	11/15/25 19:20	BPO	EET PEN
	Instrument ID: CH_WASP									

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 680-268085-1
Project/Site: Lyon Park

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Laboratory: Eurofins Orlando

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	12-31-25

Laboratory: Eurofins Pensacola

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 680-268085-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ORL
7470A	Mercury (CVAA)	SW846	EET ORL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ORL

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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 ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: (256) 337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:			Job #:

Address: 3201 Spring Forest Road	Due Date Requested:	Analysis Requested	Preservation Codes: N - None; S - H2SO4; A - HCL; D - HNO3
City: Raleigh	TAT Requested (days): STANDARD TAT		
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No		
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ		
Email: jpaul@smeinc.com	WO #:		
Project Name: Lyon Park	Project #: 68026680		Other:
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N		
MW-6	11/5/25	1225	G	W			X	X	X	X	X	X	X		
MW-7		1315	G	W			X	X	X	X	X	X	X		
A-MW-1		1033	G	W			X	X	X	X	X	X	X		
A-MW-2		1135	G	W			X	X	X	X	X	X	X		
A-MW-3		1405	G	W			X	X	X	X	X	X	X		
A-MW-4		1347	G	W			X	X	X	X	X	X	X		
A-MW-6		1110	G	W			X	X	X	X	X	X	X		
~~A~~ 110525-DUP-1		—	G	W			X	X	X	X	X	X	X		
TRIP BLANK-1															
TRIP BLANK-2															

680-268085 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11/5/25 1605	S&ME		11/5/25 1605	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				11/6/25 1015	Eurofins
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: 0.9/1.0 1.4/1.5

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold Chad	Carrier Tracking No(s): N/A	COC No.: 680-806408 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 680-268085-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/17/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3611(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3610C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total									Special Instructions/Note:
Preservation Code:																			
MW-6 (680-268085-1)	11/5/25	12:25 Eastern	G	Water			X	X	X	X									
MW-7 (680-268085-2)	11/5/25	13 15 Eastern	G	Water			X	X	X	X									
AMW-1 (680-268085-3)	11/5/25	10:33 Eastern	G	Water			X	X	X	X									
A-MW-2 (680-268085-4)	11/5/25	11 35 Eastern	G	Water			X	X	X	X									
A-MW-3 (680-268085-5)	11/5/25	14 05 Eastern	G	Water			X	X	X	X									
A-MW-4 (680-268085-6)	11/5/25	13 47 Eastern	G	Water			X	X	X	X									
A-MW-6 (680-268085-7)	11/5/25	11 10 Eastern	G	Water			X	X	X	X									
110525-DUP-1 (680-268085-8)	11/5/25	Eastern	G	Water			X	X	X	X									
TRIP BLANK-1 (680-268085-9)	11/5/25	Eastern	G	Water			X												

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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: 11/6/25 1555	Company: Eurofins	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/7/25 0924	Company: EETS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.	1.2, 0.0 IR10

Ver: 10/10/2024

11/20/2025

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 680-806408.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 2 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 680-268085-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/17/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DS/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total									Special Instructions/Note:
			Preservation Code:																
TRIP BLANK-2 (680-268085-10)	11/5/25	Eastern	G	Water			X												

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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: 11/6/25 1555	Company: Eurofins	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/7/25 0904	Company: EEE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

11/20/2025

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-268085-1

Login Number: 268085

List Source: Eurofins Savannah

List Number: 1

Creator: Munro, Caroline

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.	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-268085-1

Login Number: 268085
List Number: 4
Creator: Santiago, Edwin

List Source: Eurofins Orlando
List Creation: 11/08/25 11:31 AM

Question	Answer	Comment
The cooler or samples do not appear to have been compromised or tampered with	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature 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.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, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 680-268085-1

Login Number: 268085
List Number: 3
Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola
List Creation: 11/08/25 09:22 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	1.2°C, 0.0°C IR10
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 11/17/2025 9:32:40 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-38881-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



Generated
11/17/2025 9:32:40 AM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-38881-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
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.

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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-38881-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/5/2025 12:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5°C and 3.0°C.

GC/MS VOA
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_QQQ: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for preparation batch 400-729855 and analytical batch 400-729904 recovered outside control limits for the following analytes: 2,6-Dinitrotoluene and 2-Nitrophenol. These analytes were biased high in the LCS and/or LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729868 and analytical batch 400-730060 recovered outside control limits for the following analyte: 2-Nitrophenol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1 (752-38881-1). 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 7470A: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-94931 and analytical batch 705-95297 recovered outside control limits for the following analytes: Mercury. This analytes was biased high in the LCS 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.

General Chemistry
Method 353.2_Nitrite: The following samples were received in the Savannah past the Nitrite method holding time: MW-4 (752-38881-4), MW-5 (752-38881-5) and 110425-DUP-1 (752-38881-9). These samples were sent to the Savannah laboratory for analysis since both the primary analyst and backup analyst in Raleigh were out sick.

Method SM4500_SO4_E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: MW-4 (752-38881-4), AMW-7 (752-38881-6), AMW-8 (752-38881-7) and AMW-9 (752-38881-8). 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.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-1 — Lab Sample ID: 752-38881-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	90.1		50.8	12.2	ug/L	5		8270E	Total/NA
Barium	319		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cadmium	0.246	J	0.700	0.237	ug/L	1		6020B	Total Recoverable
Copper	1.48	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	92.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.98	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	2.46	J	5.00	2.29	ug/L	1		6020B	Total Recoverable
Vanadium	8.88		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	3.57		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrite as N	0.0530	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	3.52		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	36.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 752-38881-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	6.25	J	10.0	2.40	ug/L	1		8270E	Total/NA
Arsenic	2.21	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	396		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.382	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Chromium	5.31		5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	2.88	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	9.57		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.65		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	609		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	5.89		5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	2.86	J	5.00	2.29	ug/L	1		6020B	Total Recoverable
Silver	0.195	J	1.00	0.167	ug/L	1		6020B	Total Recoverable
Vanadium	11.4		5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	10.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.988		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrite as N	0.0912	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.897		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	27.8	F1	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-3 — Lab Sample ID: 752-38881-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	317		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.371	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Chromium	3.79	J	5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	1.44	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.51		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.09		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	83.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.26	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	3.50	J	5.00	2.29	ug/L	1		6020B	Total Recoverable
Vanadium	9.23		5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	44.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	3.27		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrite as N	0.0219	J F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	3.25		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	32.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 752-38881-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	284		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.177	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	1.21	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.90		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	339		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.46	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	5.19		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.854		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrite as N	0.0303	J H	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.824		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	54.3		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 752-38881-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	173		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.227	J	1.00	0.147	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: MW-5 (Continued) — Lab Sample ID: 752-38881-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	1.27	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	2.27		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.02		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	156		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.78	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	5.48		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0310	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrite as N	0.0196	J H	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0114	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	13.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: AMW-7 — Lab Sample ID: 752-38881-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	31.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cadmium	0.260	J	0.700	0.237	ug/L	1		6020B	Total Recoverable
Cobalt	2.75	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.99	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	497		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.39	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	3.82	J	5.00	2.29	ug/L	1		6020B	Total Recoverable
Vanadium	3.31	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0970	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0970	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	511		100	28.0	mg/L	20		SM 4500 SO4 E	Total/NA

Client Sample ID: AMW-8 — Lab Sample ID: 752-38881-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.55	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.85	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	52.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.47	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	4.36	J	5.00	2.29	ug/L	1		6020B	Total Recoverable
Vanadium	5.64		5.00	1.22	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-8 (Continued) — Lab Sample ID: 752-38881-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate Nitrite as N	3.98	F1	0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	3.98		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	150		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: AMW-9 — Lab Sample ID: 752-38881-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	86.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.623	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	298		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	11.0		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	2440		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.13	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	166		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0590	J F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0590	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	53.1		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 110425-DUP-1 — Lab Sample ID: 752-38881-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	158		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.546	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.75	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.64		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	127		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.17	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.14	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.124		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.124		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	10.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank 1 — Lab Sample ID: 752-38881-10

No Detections.

Client Sample ID: Trip Blank 2 — Lab Sample ID: 752-38881-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-1
Date Collected: 11/04/25 15:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	25.0	10.0	ug/L			11/11/25 11:36	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 11:36	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 11:36	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 11:36	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 11:36	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 11:36	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 11:36	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 11:36	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 11:36	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 11:36	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 11:36	1
Chloroethane	ND	F2	1.00	0.760	ug/L			11/11/25 11:36	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 11:36	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 11:36	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 11:36	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 11:36	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 11:36	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 11:36	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 11:36	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 11:36	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 11:36	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 11:36	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 11:36	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 11:36	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 11:36	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 11:36	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 11:36	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 11:36	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 11:36	1
2-Hexanone	ND	F1	25.0	9.10	ug/L			11/11/25 11:36	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 11:36	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 11:36	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 11:36	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 11:36	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 11:36	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 11:36	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 11:36	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 11:36	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 11:36	1
n-Butylbenzene	ND	F2	1.00	0.760	ug/L			11/11/25 11:36	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 11:36	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 11:36	1

Client Sample ID: MW-1
Date Collected: 11/04/25 15:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 11:36	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 11:36	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 11:36	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 11:36	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 11:36	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 11:36	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 11:36	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 11:36	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 11:36	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 11:36	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 11:36	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 11:36	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 11:36	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 11:36	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 11:36	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 11:36	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 11:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 11:36	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 11:36	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 11:36	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 11:36	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 11:36	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*11/11/25 11:36*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*11/11/25 11:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*11/11/25 11:36*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 11:36*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.285	0.285	ug/L		11/08/25 10:44	11/11/25 12:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*11/08/25 10:44*	*11/11/25 12:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/08/25 13:40	11/10/25 19:40	1
2,6-Dinitrotoluene	ND	*+	10.2	0.295	ug/L		11/08/25 13:40	11/10/25 19:40	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/08/25 13:40	11/10/25 19:40	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/08/25 13:40	11/10/25 19:40	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/08/25 13:40	11/10/25 19:40	1

Client Sample ID: MW-1
Date Collected: 11/04/25 15:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 19:40	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/08/25 13:40	11/10/25 19:40	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/08/25 13:40	11/10/25 19:40	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/08/25 13:40	11/10/25 19:40	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/08/25 13:40	11/10/25 19:40	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/08/25 13:40	11/10/25 19:40	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/08/25 13:40	11/10/25 19:40	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/08/25 13:40	11/10/25 19:40	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 19:40	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/08/25 13:40	11/10/25 19:40	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 19:40	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/08/25 13:40	11/10/25 19:40	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/08/25 13:40	11/10/25 19:40	1
Acenaphthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 19:40	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 19:40	1
Acetophenone	ND		10.2	3.25	ug/L		11/08/25 13:40	11/10/25 19:40	1
Anthracene	ND		10.2	0.925	ug/L		11/08/25 13:40	11/10/25 19:40	1
Atrazine	ND		10.2	1.15	ug/L		11/08/25 13:40	11/10/25 19:40	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 19:40	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/08/25 13:40	11/10/25 19:40	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 19:40	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 19:40	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 19:40	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 19:40	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/08/25 13:40	11/10/25 19:40	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/08/25 13:40	11/10/25 19:40	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 19:40	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 19:40	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 19:40	1
Caprolactam	**90.1**		50.8	12.2	ug/L		11/08/25 13:40	11/11/25 12:23	5
Carbazole	ND		10.2	0.325	ug/L		11/08/25 13:40	11/10/25 19:40	1
Chrysene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 19:40	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/08/25 13:40	11/10/25 19:40	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/08/25 13:40	11/10/25 19:40	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 19:40	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 19:40	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/08/25 13:40	11/10/25 19:40	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 19:40	1
Fluoranthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 19:40	1
Fluorene	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 19:40	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/08/25 13:40	11/10/25 19:40	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/08/25 13:40	11/10/25 19:40	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/08/25 13:40	11/10/25 19:40	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/08/25 13:40	11/10/25 19:40	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 19:40	1
Isophorone	ND		10.2	0.814	ug/L		11/08/25 13:40	11/10/25 19:40	1
Naphthalene	ND		10.2	0.763	ug/L		11/08/25 13:40	11/10/25 19:40	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/08/25 13:40	11/10/25 19:40	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/08/25 13:40	11/10/25 19:40	1

Client Sample ID: MW-1
Date Collected: 11/04/25 15:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/08/25 13:40	11/10/25 19:40	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/08/25 13:40	11/10/25 19:40	1
Phenanthrene	ND		10.2	0.753	ug/L		11/08/25 13:40	11/10/25 19:40	1
Phenol	ND		10.2	0.692	ug/L		11/08/25 13:40	11/10/25 19:40	1
Pyrene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 150*	*11/08/25 13:40*	*11/10/25 19:40*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*11/08/25 13:40*	*11/10/25 19:40*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 150*	*11/08/25 13:40*	*11/10/25 19:40*	*1*
Nitrobenzene-d5 (Surr)	*106*		*22 - 150*	*11/08/25 13:40*	*11/10/25 19:40*	*1*
Phenol-d5 (Surr)	*43*		*10 - 150*	*11/08/25 13:40*	*11/10/25 19:40*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*11/08/25 13:40*	*11/10/25 19:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:02	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:02	1
Barium	**319**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:02	1
Beryllium	ND		1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:02	1
Cadmium	**0.246**	**J**	0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:02	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:02	1
Cobalt	ND		5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:02	1
Copper	**1.48**	**J**	2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:02	1
Lead	ND		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:02	1
Manganese	**92.8**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:02	1
Nickel	**1.98**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:02	1
Selenium	**2.46**	**J**	5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:02	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:02	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:02	1
Vanadium	**8.88**		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:02	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.200	0.166	ug/L		11/12/25 12:24	11/12/25 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:14	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.57**		0.500	0.0500	mg/L			11/07/25 13:34	5
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0530**	**J**	0.100	0.0100	mg/L			11/06/25 12:13	1
Nitrate as N (SM Nitrate by calc)	**3.52**		0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**36.8**		5.00	1.40	mg/L			11/13/25 15:07	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-2
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 13:16	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 13:16	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 13:16	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 13:16	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 13:16	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 13:16	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 13:16	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 13:16	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 13:16	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 13:16	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 13:16	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 13:16	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 13:16	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 13:16	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 13:16	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 13:16	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 13:16	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 13:16	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 13:16	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 13:16	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 13:16	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 13:16	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 13:16	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 13:16	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 13:16	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 13:16	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 13:16	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 13:16	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 13:16	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 13:16	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 13:16	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 13:16	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 13:16	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 13:16	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 13:16	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 13:16	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 13:16	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 13:16	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 13:16	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 13:16	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 13:16	1

Client Sample ID: MW-2
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 13:16	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 13:16	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 13:16	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 13:16	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 13:16	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 13:16	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 13:16	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 13:16	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 13:16	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 13:16	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 13:16	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 13:16	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 13:16	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 13:16	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 13:16	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 13:16	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 13:16	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 13:16	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 13:16	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 13:16	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 13:16	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*118*		*56 - 136*		*11/11/25 13:16*	*1*
Dibromofluoromethane	*96*		*79 - 130*		*11/11/25 13:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*11/11/25 13:16*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 13:16*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		11/08/25 10:44	11/11/25 12:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*10 - 140*	*11/08/25 10:44*	*11/11/25 12:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/08/25 13:40	11/10/25 20:12	1
2,6-Dinitrotoluene	ND	*+	10.0	0.290	ug/L		11/08/25 13:40	11/10/25 20:12	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/08/25 13:40	11/10/25 20:12	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/08/25 13:40	11/10/25 20:12	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/08/25 13:40	11/10/25 20:12	1

Client Sample ID: MW-2
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.760	ug/L		11/08/25 13:40	11/10/25 20:12	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/08/25 13:40	11/10/25 20:12	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/08/25 13:40	11/10/25 20:12	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/08/25 13:40	11/10/25 20:12	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/08/25 13:40	11/10/25 20:12	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/08/25 13:40	11/10/25 20:12	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/08/25 13:40	11/10/25 20:12	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/08/25 13:40	11/10/25 20:12	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/08/25 13:40	11/10/25 20:12	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/08/25 13:40	11/10/25 20:12	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/08/25 13:40	11/10/25 20:12	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/08/25 13:40	11/10/25 20:12	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/08/25 13:40	11/10/25 20:12	1
Acenaphthene	ND		10.0	0.630	ug/L		11/08/25 13:40	11/10/25 20:12	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/08/25 13:40	11/10/25 20:12	1
Acetophenone	ND		10.0	3.20	ug/L		11/08/25 13:40	11/10/25 20:12	1
Anthracene	ND		10.0	0.910	ug/L		11/08/25 13:40	11/10/25 20:12	1
Atrazine	ND		10.0	1.13	ug/L		11/08/25 13:40	11/10/25 20:12	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/08/25 13:40	11/10/25 20:12	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/08/25 13:40	11/10/25 20:12	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/08/25 13:40	11/10/25 20:12	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/08/25 13:40	11/10/25 20:12	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/08/25 13:40	11/10/25 20:12	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/08/25 13:40	11/10/25 20:12	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/08/25 13:40	11/10/25 20:12	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/08/25 13:40	11/10/25 20:12	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/08/25 13:40	11/10/25 20:12	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 20:12	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 20:12	1
Caprolactam	**6.25**	**J**	10.0	2.40	ug/L		11/08/25 13:40	11/10/25 20:12	1
Carbazole	ND		10.0	0.320	ug/L		11/08/25 13:40	11/10/25 20:12	1
Chrysene	ND		10.0	1.20	ug/L		11/08/25 13:40	11/10/25 20:12	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/08/25 13:40	11/10/25 20:12	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/08/25 13:40	11/10/25 20:12	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 20:12	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 20:12	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/08/25 13:40	11/10/25 20:12	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 20:12	1
Fluoranthene	ND		10.0	0.630	ug/L		11/08/25 13:40	11/10/25 20:12	1
Fluorene	ND		10.0	0.670	ug/L		11/08/25 13:40	11/10/25 20:12	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/08/25 13:40	11/10/25 20:12	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/08/25 13:40	11/10/25 20:12	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/08/25 13:40	11/10/25 20:12	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/08/25 13:40	11/10/25 20:12	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/08/25 13:40	11/10/25 20:12	1
Isophorone	ND		10.0	0.800	ug/L		11/08/25 13:40	11/10/25 20:12	1
Naphthalene	ND		10.0	0.750	ug/L		11/08/25 13:40	11/10/25 20:12	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/08/25 13:40	11/10/25 20:12	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/08/25 13:40	11/10/25 20:12	1

Client Sample ID: MW-2
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/08/25 13:40	11/10/25 20:12	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/08/25 13:40	11/10/25 20:12	1
Phenanthrene	ND		10.0	0.740	ug/L		11/08/25 13:40	11/10/25 20:12	1
Phenol	ND		10.0	0.680	ug/L		11/08/25 13:40	11/10/25 20:12	1
Pyrene	ND		10.0	0.630	ug/L		11/08/25 13:40	11/10/25 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 150*	*11/08/25 13:40*	*11/10/25 20:12*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*11/08/25 13:40*	*11/10/25 20:12*	*1*
2-Fluorophenol (Surr)	*71*		*10 - 150*	*11/08/25 13:40*	*11/10/25 20:12*	*1*
Nitrobenzene-d5 (Surr)	*105*		*22 - 150*	*11/08/25 13:40*	*11/10/25 20:12*	*1*
Phenol-d5 (Surr)	*63*		*10 - 150*	*11/08/25 13:40*	*11/10/25 20:12*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*11/08/25 13:40*	*11/10/25 20:12*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:04	1
Arsenic	**2.21**	**J**	5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:04	1
Barium	**396**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:04	1
Beryllium	**0.382**	**J**	1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:04	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:04	1
Chromium	**5.31**		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:04	1
Cobalt	**2.88**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:04	1
Copper	**9.57**		2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:04	1
Lead	**1.65**		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:04	1
Manganese	**609**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:04	1
Nickel	**5.89**		5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:04	1
Selenium	**2.86**	**J**	5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:04	1
Silver	**0.195**	**J**	1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:04	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:04	1
Vanadium	**11.4**		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:04	1
Zinc	**10.7**		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.200	0.166	ug/L		11/12/25 12:24	11/12/25 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:17	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.988**		0.200	0.0200	mg/L			11/07/25 13:36	2
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0912**	**J**	0.100	0.0100	mg/L			11/06/25 12:15	1
Nitrate as N (SM Nitrate by calc)	**0.897**		0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**27.8**	**F1**	5.00	1.40	mg/L			11/13/25 15:08	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-3
Date Collected: 11/04/25 16:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 13:41	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 13:41	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 13:41	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 13:41	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 13:41	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 13:41	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 13:41	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 13:41	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 13:41	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 13:41	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 13:41	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 13:41	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 13:41	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 13:41	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 13:41	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 13:41	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 13:41	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 13:41	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 13:41	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 13:41	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 13:41	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 13:41	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 13:41	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 13:41	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 13:41	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 13:41	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 13:41	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 13:41	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 13:41	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 13:41	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 13:41	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 13:41	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 13:41	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 13:41	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 13:41	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 13:41	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 13:41	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 13:41	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 13:41	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 13:41	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 13:41	1

Client Sample ID: MW-3
Date Collected: 11/04/25 16:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 13:41	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 13:41	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 13:41	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 13:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 13:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 13:41	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 13:41	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 13:41	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 13:41	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 13:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 13:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 13:41	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 13:41	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 13:41	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 13:41	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 13:41	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 13:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 13:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 13:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 13:41	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 13:41	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 13:41	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*56 - 136*		*11/11/25 13:41*	*1*
Dibromofluoromethane	*97*		*79 - 130*		*11/11/25 13:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*11/11/25 13:41*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/11/25 13:41*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		11/08/25 10:44	11/11/25 12:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*22*		*10 - 140*	*11/08/25 10:44*	*11/11/25 12:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/08/25 13:40	11/10/25 20:44	1
2,6-Dinitrotoluene	ND	*+	10.2	0.295	ug/L		11/08/25 13:40	11/10/25 20:44	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/08/25 13:40	11/10/25 20:44	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/08/25 13:40	11/10/25 20:44	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/08/25 13:40	11/10/25 20:44	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-3
Date Collected: 11/04/25 16:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 20:44	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/08/25 13:40	11/10/25 20:44	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/08/25 13:40	11/10/25 20:44	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/08/25 13:40	11/10/25 20:44	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/08/25 13:40	11/10/25 20:44	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/08/25 13:40	11/10/25 20:44	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/08/25 13:40	11/10/25 20:44	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/08/25 13:40	11/10/25 20:44	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 20:44	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/08/25 13:40	11/10/25 20:44	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 20:44	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/08/25 13:40	11/10/25 20:44	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/08/25 13:40	11/10/25 20:44	1
Acenaphthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 20:44	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 20:44	1
Acetophenone	ND		10.2	3.25	ug/L		11/08/25 13:40	11/10/25 20:44	1
Anthracene	ND		10.2	0.925	ug/L		11/08/25 13:40	11/10/25 20:44	1
Atrazine	ND		10.2	1.15	ug/L		11/08/25 13:40	11/10/25 20:44	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 20:44	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/08/25 13:40	11/10/25 20:44	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 20:44	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 20:44	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 20:44	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 20:44	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/08/25 13:40	11/10/25 20:44	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/08/25 13:40	11/10/25 20:44	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 20:44	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 20:44	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 20:44	1
Caprolactam	ND		10.2	2.44	ug/L		11/08/25 13:40	11/10/25 20:44	1
Carbazole	ND		10.2	0.325	ug/L		11/08/25 13:40	11/10/25 20:44	1
Chrysene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 20:44	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/08/25 13:40	11/10/25 20:44	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/08/25 13:40	11/10/25 20:44	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 20:44	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 20:44	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/08/25 13:40	11/10/25 20:44	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 20:44	1
Fluoranthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 20:44	1
Fluorene	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 20:44	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/08/25 13:40	11/10/25 20:44	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/08/25 13:40	11/10/25 20:44	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/08/25 13:40	11/10/25 20:44	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/08/25 13:40	11/10/25 20:44	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 20:44	1
Isophorone	ND		10.2	0.814	ug/L		11/08/25 13:40	11/10/25 20:44	1
Naphthalene	ND		10.2	0.763	ug/L		11/08/25 13:40	11/10/25 20:44	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/08/25 13:40	11/10/25 20:44	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/08/25 13:40	11/10/25 20:44	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-3

Date Collected: 11/04/25 16:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/08/25 13:40	11/10/25 20:44	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/08/25 13:40	11/10/25 20:44	1
Phenanthrene	ND		10.2	0.753	ug/L		11/08/25 13:40	11/10/25 20:44	1
Phenol	ND		10.2	0.692	ug/L		11/08/25 13:40	11/10/25 20:44	1
Pyrene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 150*	*11/08/25 13:40*	*11/10/25 20:44*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*11/08/25 13:40*	*11/10/25 20:44*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*11/08/25 13:40*	*11/10/25 20:44*	*1*
Nitrobenzene-d5 (Surr)	*114*		*22 - 150*	*11/08/25 13:40*	*11/10/25 20:44*	*1*
Phenol-d5 (Surr)	*57*		*10 - 150*	*11/08/25 13:40*	*11/10/25 20:44*	*1*
Terphenyl-d14 (Surr)	*48*		*28 - 150*	*11/08/25 13:40*	*11/10/25 20:44*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:07	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:07	1
Barium	**317**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:07	1
Beryllium	**0.371**	**J**	1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:07	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:07	1
Chromium	**3.79**	**J**	5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:07	1
Cobalt	**1.44**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:07	1
Copper	**3.51**		2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:07	1
Lead	**1.09**		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:07	1
Manganese	**83.2**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:07	1
Nickel	**4.26**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:07	1
Selenium	**3.50**	**J**	5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:07	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:07	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:07	1
Vanadium	**9.23**		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:07	1
Zinc	**44.3**		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.200	0.166	ug/L		11/12/25 12:24	11/12/25 17:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.27**		0.500	0.0500	mg/L			11/07/25 15:14	5
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0219**	**J F1**	0.100	0.0100	mg/L			11/06/25 12:06	1
Nitrate as N (SM Nitrate by calc)	**3.25**		0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**32.0**		5.00	1.40	mg/L			11/13/25 15:10	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-4
Date Collected: 11/04/25 11:25
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 14:06	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 14:06	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 14:06	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 14:06	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 14:06	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 14:06	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 14:06	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 14:06	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 14:06	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 14:06	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 14:06	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 14:06	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 14:06	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 14:06	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 14:06	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 14:06	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 14:06	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 14:06	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 14:06	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 14:06	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 14:06	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 14:06	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 14:06	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 14:06	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 14:06	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 14:06	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 14:06	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 14:06	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 14:06	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 14:06	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 14:06	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 14:06	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 14:06	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 14:06	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 14:06	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 14:06	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 14:06	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 14:06	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 14:06	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 14:06	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 14:06	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 14:06	1

Client Sample ID: MW-4
Date Collected: 11/04/25 11:25
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 14:06	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 14:06	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 14:06	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 14:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 14:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 14:06	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 14:06	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 14:06	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 14:06	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 14:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 14:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 14:06	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 14:06	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 14:06	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 14:06	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 14:06	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 14:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 14:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 14:06	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 14:06	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 14:06	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*56 - 136*		*11/11/25 14:06*	*1*
Dibromofluoromethane	*97*		*79 - 130*		*11/11/25 14:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*11/11/25 14:06*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 14:06*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.288	0.288	ug/L		11/08/25 10:44	11/11/25 13:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*11/08/25 10:44*	*11/11/25 13:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/08/25 13:40	11/10/25 21:16	1
2,6-Dinitrotoluene	ND	*+	10.2	0.295	ug/L		11/08/25 13:40	11/10/25 21:16	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/08/25 13:40	11/10/25 21:16	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/08/25 13:40	11/10/25 21:16	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/08/25 13:40	11/10/25 21:16	1

Client Sample ID: MW-4
Date Collected: 11/04/25 11:25
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 21:16	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/08/25 13:40	11/10/25 21:16	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/08/25 13:40	11/10/25 21:16	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/08/25 13:40	11/10/25 21:16	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/08/25 13:40	11/10/25 21:16	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/08/25 13:40	11/10/25 21:16	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/08/25 13:40	11/10/25 21:16	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/08/25 13:40	11/10/25 21:16	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 21:16	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/08/25 13:40	11/10/25 21:16	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 21:16	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/08/25 13:40	11/10/25 21:16	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/08/25 13:40	11/10/25 21:16	1
Acenaphthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 21:16	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 21:16	1
Acetophenone	ND		10.2	3.25	ug/L		11/08/25 13:40	11/10/25 21:16	1
Anthracene	ND		10.2	0.925	ug/L		11/08/25 13:40	11/10/25 21:16	1
Atrazine	ND		10.2	1.15	ug/L		11/08/25 13:40	11/10/25 21:16	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 21:16	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/08/25 13:40	11/10/25 21:16	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 21:16	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 21:16	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 21:16	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 21:16	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/08/25 13:40	11/10/25 21:16	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/08/25 13:40	11/10/25 21:16	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 21:16	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:16	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:16	1
Caprolactam	ND		10.2	2.44	ug/L		11/08/25 13:40	11/10/25 21:16	1
Carbazole	ND		10.2	0.325	ug/L		11/08/25 13:40	11/10/25 21:16	1
Chrysene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 21:16	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/08/25 13:40	11/10/25 21:16	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/08/25 13:40	11/10/25 21:16	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:16	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:16	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/08/25 13:40	11/10/25 21:16	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:16	1
Fluoranthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 21:16	1
Fluorene	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 21:16	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/08/25 13:40	11/10/25 21:16	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/08/25 13:40	11/10/25 21:16	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/08/25 13:40	11/10/25 21:16	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/08/25 13:40	11/10/25 21:16	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 21:16	1
Isophorone	ND		10.2	0.814	ug/L		11/08/25 13:40	11/10/25 21:16	1
Naphthalene	ND		10.2	0.763	ug/L		11/08/25 13:40	11/10/25 21:16	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/08/25 13:40	11/10/25 21:16	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/08/25 13:40	11/10/25 21:16	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-4

Date Collected: 11/04/25 11:25
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/08/25 13:40	11/10/25 21:16	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/08/25 13:40	11/10/25 21:16	1
Phenanthrene	ND		10.2	0.753	ug/L		11/08/25 13:40	11/10/25 21:16	1
Phenol	ND		10.2	0.692	ug/L		11/08/25 13:40	11/10/25 21:16	1
Pyrene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 150*	*11/08/25 13:40*	*11/10/25 21:16*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*11/08/25 13:40*	*11/10/25 21:16*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 150*	*11/08/25 13:40*	*11/10/25 21:16*	*1*
Nitrobenzene-d5 (Surr)	*104*		*22 - 150*	*11/08/25 13:40*	*11/10/25 21:16*	*1*
Phenol-d5 (Surr)	*38*		*10 - 150*	*11/08/25 13:40*	*11/10/25 21:16*	*1*
Terphenyl-d14 (Surr)	*47*		*28 - 150*	*11/08/25 13:40*	*11/10/25 21:16*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:10	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:10	1
Barium	**284**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:10	1
Beryllium	**0.177**	**J**	1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:10	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:10	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:10	1
Cobalt	**1.21**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:10	1
Copper	**3.90**		2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:10	1
Lead	ND		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:10	1
Manganese	**339**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:10	1
Nickel	**3.46**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:10	1
Selenium	ND		5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:10	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:10	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:10	1
Vanadium	**5.19**		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:10	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.200	0.166	ug/L		11/12/25 12:24	11/12/25 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:22	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.854**		0.100	0.0100	mg/L			11/07/25 13:47	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0303**	**J H**	0.100	0.0100	mg/L			11/06/25 12:09	1
Nitrate as N (SM Nitrate by calc)	**0.824**		0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**54.3**		10.0	2.80	mg/L			11/13/25 15:47	2

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-5
Date Collected: 11/04/25 10:30
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 14:31	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 14:31	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 14:31	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 14:31	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 14:31	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 14:31	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 14:31	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 14:31	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 14:31	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 14:31	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 14:31	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 14:31	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 14:31	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 14:31	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 14:31	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 14:31	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 14:31	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 14:31	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 14:31	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 14:31	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 14:31	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 14:31	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 14:31	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 14:31	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 14:31	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 14:31	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 14:31	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 14:31	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 14:31	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 14:31	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 14:31	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 14:31	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 14:31	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 14:31	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 14:31	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 14:31	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 14:31	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 14:31	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 14:31	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 14:31	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 14:31	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 14:31	1

Client Sample ID: MW-5
Date Collected: 11/04/25 10:30
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 14:31	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 14:31	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 14:31	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 14:31	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 14:31	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 14:31	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 14:31	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 14:31	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 14:31	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 14:31	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 14:31	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 14:31	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 14:31	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 14:31	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 14:31	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 14:31	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 14:31	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 14:31	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 14:31	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 14:31	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 14:31	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*56 - 136*		*11/11/25 14:31*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*11/11/25 14:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*11/11/25 14:31*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 14:31*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.290	0.290	ug/L		11/08/25 10:44	11/11/25 13:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*11/08/25 10:44*	*11/11/25 13:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/08/25 13:40	11/10/25 21:47	1
2,6-Dinitrotoluene	ND	*+	10.2	0.295	ug/L		11/08/25 13:40	11/10/25 21:47	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/08/25 13:40	11/10/25 21:47	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/08/25 13:40	11/10/25 21:47	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/08/25 13:40	11/10/25 21:47	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-5
Date Collected: 11/04/25 10:30
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 21:47	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/08/25 13:40	11/10/25 21:47	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/08/25 13:40	11/10/25 21:47	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/08/25 13:40	11/10/25 21:47	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/08/25 13:40	11/10/25 21:47	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/08/25 13:40	11/10/25 21:47	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/08/25 13:40	11/10/25 21:47	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/08/25 13:40	11/10/25 21:47	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 21:47	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/08/25 13:40	11/10/25 21:47	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 21:47	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/08/25 13:40	11/10/25 21:47	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/08/25 13:40	11/10/25 21:47	1
Acenaphthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 21:47	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 21:47	1
Acetophenone	ND		10.2	3.25	ug/L		11/08/25 13:40	11/10/25 21:47	1
Anthracene	ND		10.2	0.925	ug/L		11/08/25 13:40	11/10/25 21:47	1
Atrazine	ND		10.2	1.15	ug/L		11/08/25 13:40	11/10/25 21:47	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 21:47	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/08/25 13:40	11/10/25 21:47	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 21:47	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 21:47	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 21:47	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 21:47	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/08/25 13:40	11/10/25 21:47	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/08/25 13:40	11/10/25 21:47	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 21:47	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:47	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:47	1
Caprolactam	ND		10.2	2.44	ug/L		11/08/25 13:40	11/10/25 21:47	1
Carbazole	ND		10.2	0.325	ug/L		11/08/25 13:40	11/10/25 21:47	1
Chrysene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 21:47	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/08/25 13:40	11/10/25 21:47	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/08/25 13:40	11/10/25 21:47	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:47	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:47	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/08/25 13:40	11/10/25 21:47	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 21:47	1
Fluoranthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 21:47	1
Fluorene	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 21:47	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/08/25 13:40	11/10/25 21:47	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/08/25 13:40	11/10/25 21:47	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/08/25 13:40	11/10/25 21:47	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/08/25 13:40	11/10/25 21:47	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 21:47	1
Isophorone	ND		10.2	0.814	ug/L		11/08/25 13:40	11/10/25 21:47	1
Naphthalene	ND		10.2	0.763	ug/L		11/08/25 13:40	11/10/25 21:47	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/08/25 13:40	11/10/25 21:47	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/08/25 13:40	11/10/25 21:47	1

Client Sample ID: MW-5
Date Collected: 11/04/25 10:30
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/08/25 13:40	11/10/25 21:47	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/08/25 13:40	11/10/25 21:47	1
Phenanthrene	ND		10.2	0.753	ug/L		11/08/25 13:40	11/10/25 21:47	1
Phenol	ND		10.2	0.692	ug/L		11/08/25 13:40	11/10/25 21:47	1
Pyrene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 150*	*11/08/25 13:40*	*11/10/25 21:47*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*11/08/25 13:40*	*11/10/25 21:47*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*11/08/25 13:40*	*11/10/25 21:47*	*1*
Nitrobenzene-d5 (Surr)	*105*		*22 - 150*	*11/08/25 13:40*	*11/10/25 21:47*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*11/08/25 13:40*	*11/10/25 21:47*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*11/08/25 13:40*	*11/10/25 21:47*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:12	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:12	1
Barium	**173**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:12	1
Beryllium	**0.227**	**J**	1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:12	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:12	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:12	1
Cobalt	**1.27**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:12	1
Copper	**2.27**		2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:12	1
Lead	**1.02**		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:12	1
Manganese	**156**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:12	1
Nickel	**2.78**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:12	1
Selenium	ND		5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:12	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:12	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:12	1
Vanadium	**5.48**		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:12	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.200	0.166	ug/L		11/12/25 12:24	11/12/25 17:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:30	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0310**	**J**	0.100	0.0100	mg/L			11/07/25 13:49	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0196**	**J H**	0.100	0.0100	mg/L			11/06/25 12:14	1
Nitrate as N (SM Nitrate by calc)	**0.0114**	**J**	0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**13.7**		5.00	1.40	mg/L			11/13/25 15:11	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-7
Date Collected: 11/04/25 15:50
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 14:56	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 14:56	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 14:56	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 14:56	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 14:56	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 14:56	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 14:56	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 14:56	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 14:56	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 14:56	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 14:56	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 14:56	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 14:56	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 14:56	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 14:56	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 14:56	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 14:56	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 14:56	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 14:56	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 14:56	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 14:56	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 14:56	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 14:56	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 14:56	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 14:56	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 14:56	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 14:56	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 14:56	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 14:56	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 14:56	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 14:56	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 14:56	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 14:56	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 14:56	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 14:56	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 14:56	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 14:56	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 14:56	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 14:56	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 14:56	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 14:56	1

Client Sample ID: AMW-7
Date Collected: 11/04/25 15:50
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 14:56	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 14:56	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 14:56	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 14:56	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 14:56	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 14:56	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 14:56	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 14:56	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 14:56	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 14:56	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 14:56	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 14:56	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 14:56	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 14:56	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 14:56	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 14:56	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 14:56	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 14:56	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 14:56	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 14:56	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*11/11/25 14:56*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*11/11/25 14:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*11/11/25 14:56*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*11/11/25 14:56*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		11/08/25 10:44	11/11/25 13:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*11/08/25 10:44*	*11/11/25 13:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		11/08/25 13:40	11/10/25 22:19	1
2,6-Dinitrotoluene	ND	*+	10.0	0.291	ug/L		11/08/25 13:40	11/10/25 22:19	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		11/08/25 13:40	11/10/25 22:19	1
2-Chlorophenol	ND		10.0	0.843	ug/L		11/08/25 13:40	11/10/25 22:19	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		11/08/25 13:40	11/10/25 22:19	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-7
Date Collected: 11/04/25 15:50
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		11/08/25 13:40	11/10/25 22:19	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/08/25 13:40	11/10/25 22:19	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/08/25 13:40	11/10/25 22:19	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		11/08/25 13:40	11/10/25 22:19	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		11/08/25 13:40	11/10/25 22:19	1
3-Nitroaniline	ND		10.0	0.953	ug/L		11/08/25 13:40	11/10/25 22:19	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		11/08/25 13:40	11/10/25 22:19	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/08/25 13:40	11/10/25 22:19	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		11/08/25 13:40	11/10/25 22:19	1
4-Chloroaniline	ND		10.0	0.582	ug/L		11/08/25 13:40	11/10/25 22:19	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		11/08/25 13:40	11/10/25 22:19	1
4-Nitroaniline	ND		10.0	3.51	ug/L		11/08/25 13:40	11/10/25 22:19	1
4-Nitrophenol	ND		10.0	2.75	ug/L		11/08/25 13:40	11/10/25 22:19	1
Acenaphthene	ND		10.0	0.632	ug/L		11/08/25 13:40	11/10/25 22:19	1
Acenaphthylene	ND		10.0	0.763	ug/L		11/08/25 13:40	11/10/25 22:19	1
Acetophenone	ND		10.0	3.21	ug/L		11/08/25 13:40	11/10/25 22:19	1
Anthracene	ND		10.0	0.913	ug/L		11/08/25 13:40	11/10/25 22:19	1
Atrazine	ND		10.0	1.13	ug/L		11/08/25 13:40	11/10/25 22:19	1
Benzaldehyde	ND		10.0	0.672	ug/L		11/08/25 13:40	11/10/25 22:19	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/08/25 13:40	11/10/25 22:19	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/08/25 13:40	11/10/25 22:19	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/08/25 13:40	11/10/25 22:19	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		11/08/25 13:40	11/10/25 22:19	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		11/08/25 13:40	11/10/25 22:19	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		11/08/25 13:40	11/10/25 22:19	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		11/08/25 13:40	11/10/25 22:19	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		11/08/25 13:40	11/10/25 22:19	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		11/08/25 13:40	11/10/25 22:19	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		11/08/25 13:40	11/10/25 22:19	1
Caprolactam	ND		10.0	2.41	ug/L		11/08/25 13:40	11/10/25 22:19	1
Carbazole	ND		10.0	0.321	ug/L		11/08/25 13:40	11/10/25 22:19	1
Chrysene	ND		10.0	1.20	ug/L		11/08/25 13:40	11/10/25 22:19	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/08/25 13:40	11/10/25 22:19	1
Dibenzofuran	ND		10.0	0.642	ug/L		11/08/25 13:40	11/10/25 22:19	1
Diethyl phthalate	ND		10.0	4.01	ug/L		11/08/25 13:40	11/10/25 22:19	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		11/08/25 13:40	11/10/25 22:19	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		11/08/25 13:40	11/10/25 22:19	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		11/08/25 13:40	11/10/25 22:19	1
Fluoranthene	ND		10.0	0.632	ug/L		11/08/25 13:40	11/10/25 22:19	1
Fluorene	ND		10.0	0.672	ug/L		11/08/25 13:40	11/10/25 22:19	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		11/08/25 13:40	11/10/25 22:19	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		11/08/25 13:40	11/10/25 22:19	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		11/08/25 13:40	11/10/25 22:19	1
Hexachloroethane	ND		10.0	0.532	ug/L		11/08/25 13:40	11/10/25 22:19	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/08/25 13:40	11/10/25 22:19	1
Isophorone	ND		10.0	0.803	ug/L		11/08/25 13:40	11/10/25 22:19	1
Naphthalene	ND		10.0	0.753	ug/L		11/08/25 13:40	11/10/25 22:19	1
Nitrobenzene	ND		10.0	0.602	ug/L		11/08/25 13:40	11/10/25 22:19	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		11/08/25 13:40	11/10/25 22:19	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-7

Date Collected: 11/04/25 15:50
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		11/08/25 13:40	11/10/25 22:19	1
Pentachlorophenol	ND		10.0	2.81	ug/L		11/08/25 13:40	11/10/25 22:19	1
Phenanthrene	ND		10.0	0.742	ug/L		11/08/25 13:40	11/10/25 22:19	1
Phenol	ND		10.0	0.682	ug/L		11/08/25 13:40	11/10/25 22:19	1
Pyrene	ND		10.0	0.632	ug/L		11/08/25 13:40	11/10/25 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 150*	*11/08/25 13:40*	*11/10/25 22:19*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*11/08/25 13:40*	*11/10/25 22:19*	*1*
2-Fluorophenol (Surr)	*61*		*10 - 150*	*11/08/25 13:40*	*11/10/25 22:19*	*1*
Nitrobenzene-d5 (Surr)	*103*		*22 - 150*	*11/08/25 13:40*	*11/10/25 22:19*	*1*
Phenol-d5 (Surr)	*53*		*10 - 150*	*11/08/25 13:40*	*11/10/25 22:19*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*11/08/25 13:40*	*11/10/25 22:19*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:15	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:15	1
Barium	**31.3**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:15	1
Beryllium	ND		1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:15	1
Cadmium	**0.260**	**J**	0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:15	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:15	1
Cobalt	**2.75**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:15	1
Copper	**1.99**	**J**	2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:15	1
Lead	ND		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:15	1
Manganese	**497**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:15	1
Nickel	**2.39**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:15	1
Selenium	**3.82**	**J**	5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:15	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:15	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:15	1
Vanadium	**3.31**	**J**	5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:15	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.200	0.166	ug/L		11/12/25 12:24	11/12/25 17:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:49	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0970**	**J**	0.100	0.0100	mg/L			11/07/25 13:51	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 12:11	1
Nitrate as N (SM Nitrate by calc)	**0.0970**	**J**	0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**511**		100	28.0	mg/L			11/13/25 16:02	20

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-8
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 15:21	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 15:21	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 15:21	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 15:21	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 15:21	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 15:21	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 15:21	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 15:21	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 15:21	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 15:21	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 15:21	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 15:21	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 15:21	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 15:21	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 15:21	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 15:21	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 15:21	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 15:21	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 15:21	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 15:21	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 15:21	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 15:21	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 15:21	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 15:21	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 15:21	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 15:21	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 15:21	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 15:21	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 15:21	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 15:21	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 15:21	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 15:21	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 15:21	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 15:21	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 15:21	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 15:21	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 15:21	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 15:21	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 15:21	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 15:21	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 15:21	1

Client Sample ID: AMW-8
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 15:21	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 15:21	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 15:21	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 15:21	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 15:21	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 15:21	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 15:21	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 15:21	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 15:21	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 15:21	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 15:21	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 15:21	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 15:21	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 15:21	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 15:21	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 15:21	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 15:21	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 15:21	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 15:21	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 15:21	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 15:21	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*122*		*56 - 136*		*11/11/25 15:21*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*11/11/25 15:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*11/11/25 15:21*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/11/25 15:21*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.282	0.282	ug/L		11/08/25 10:44	11/11/25 14:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*21*		*10 - 140*	*11/08/25 10:44*	*11/11/25 14:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		11/08/25 13:40	11/10/25 22:51	1
2,6-Dinitrotoluene	ND	*+	10.2	0.295	ug/L		11/08/25 13:40	11/10/25 22:51	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		11/08/25 13:40	11/10/25 22:51	1
2-Chlorophenol	ND		10.2	0.854	ug/L		11/08/25 13:40	11/10/25 22:51	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		11/08/25 13:40	11/10/25 22:51	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-8
Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 22:51	1
2-Nitroaniline	ND		10.2	1.39	ug/L		11/08/25 13:40	11/10/25 22:51	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/08/25 13:40	11/10/25 22:51	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		11/08/25 13:40	11/10/25 22:51	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		11/08/25 13:40	11/10/25 22:51	1
3-Nitroaniline	ND		10.2	0.966	ug/L		11/08/25 13:40	11/10/25 22:51	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		11/08/25 13:40	11/10/25 22:51	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		11/08/25 13:40	11/10/25 22:51	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 22:51	1
4-Chloroaniline	ND		10.2	0.590	ug/L		11/08/25 13:40	11/10/25 22:51	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		11/08/25 13:40	11/10/25 22:51	1
4-Nitroaniline	ND		10.2	3.56	ug/L		11/08/25 13:40	11/10/25 22:51	1
4-Nitrophenol	ND		10.2	2.79	ug/L		11/08/25 13:40	11/10/25 22:51	1
Acenaphthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 22:51	1
Acenaphthylene	ND		10.2	0.773	ug/L		11/08/25 13:40	11/10/25 22:51	1
Acetophenone	ND		10.2	3.25	ug/L		11/08/25 13:40	11/10/25 22:51	1
Anthracene	ND		10.2	0.925	ug/L		11/08/25 13:40	11/10/25 22:51	1
Atrazine	ND		10.2	1.15	ug/L		11/08/25 13:40	11/10/25 22:51	1
Benzaldehyde	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 22:51	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/08/25 13:40	11/10/25 22:51	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 22:51	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 22:51	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 22:51	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/08/25 13:40	11/10/25 22:51	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		11/08/25 13:40	11/10/25 22:51	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		11/08/25 13:40	11/10/25 22:51	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		11/08/25 13:40	11/10/25 22:51	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 22:51	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 22:51	1
Caprolactam	ND		10.2	2.44	ug/L		11/08/25 13:40	11/10/25 22:51	1
Carbazole	ND		10.2	0.325	ug/L		11/08/25 13:40	11/10/25 22:51	1
Chrysene	ND		10.2	1.22	ug/L		11/08/25 13:40	11/10/25 22:51	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		11/08/25 13:40	11/10/25 22:51	1
Dibenzofuran	ND		10.2	0.651	ug/L		11/08/25 13:40	11/10/25 22:51	1
Diethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 22:51	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 22:51	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		11/08/25 13:40	11/10/25 22:51	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		11/08/25 13:40	11/10/25 22:51	1
Fluoranthene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 22:51	1
Fluorene	ND		10.2	0.681	ug/L		11/08/25 13:40	11/10/25 22:51	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		11/08/25 13:40	11/10/25 22:51	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		11/08/25 13:40	11/10/25 22:51	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		11/08/25 13:40	11/10/25 22:51	1
Hexachloroethane	ND		10.2	0.539	ug/L		11/08/25 13:40	11/10/25 22:51	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/08/25 13:40	11/10/25 22:51	1
Isophorone	ND		10.2	0.814	ug/L		11/08/25 13:40	11/10/25 22:51	1
Naphthalene	ND		10.2	0.763	ug/L		11/08/25 13:40	11/10/25 22:51	1
Nitrobenzene	ND		10.2	0.610	ug/L		11/08/25 13:40	11/10/25 22:51	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		11/08/25 13:40	11/10/25 22:51	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-8

Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		11/08/25 13:40	11/10/25 22:51	1
Pentachlorophenol	ND		10.2	2.85	ug/L		11/08/25 13:40	11/10/25 22:51	1
Phenanthrene	ND		10.2	0.753	ug/L		11/08/25 13:40	11/10/25 22:51	1
Phenol	ND		10.2	0.692	ug/L		11/08/25 13:40	11/10/25 22:51	1
Pyrene	ND		10.2	0.641	ug/L		11/08/25 13:40	11/10/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 150*	*11/08/25 13:40*	*11/10/25 22:51*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*11/08/25 13:40*	*11/10/25 22:51*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*11/08/25 13:40*	*11/10/25 22:51*	*1*
Nitrobenzene-d5 (Surr)	*102*		*22 - 150*	*11/08/25 13:40*	*11/10/25 22:51*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*11/08/25 13:40*	*11/10/25 22:51*	*1*
Terphenyl-d14 (Surr)	*45*		*28 - 150*	*11/08/25 13:40*	*11/10/25 22:51*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:17	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:17	1
Barium	**46.7**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:17	1
Beryllium	ND		1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:17	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:17	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:17	1
Cobalt	**1.55**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:17	1
Copper	**1.85**	**J**	2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:17	1
Lead	ND		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:17	1
Manganese	**52.2**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:17	1
Nickel	**1.47**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:17	1
Selenium	**4.36**	**J**	5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:17	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:17	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:17	1
Vanadium	**5.64**		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:17	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.200	0.166	ug/L		11/13/25 12:47	11/13/25 19:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:52	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.98**	**F1**	0.200	0.0200	mg/L			11/07/25 13:53	2
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 12:12	1
Nitrate as N (SM Nitrate by calc)	**3.98**		0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**150**		25.0	7.00	mg/L			11/13/25 15:48	5

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-9
Date Collected: 11/04/25 12:40
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 15:46	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 15:46	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 15:46	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 15:46	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 15:46	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 15:46	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 15:46	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 15:46	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 15:46	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 15:46	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 15:46	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 15:46	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 15:46	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 15:46	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 15:46	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 15:46	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 15:46	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 15:46	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 15:46	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 15:46	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 15:46	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 15:46	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 15:46	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 15:46	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 15:46	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 15:46	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 15:46	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 15:46	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 15:46	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 15:46	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 15:46	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 15:46	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 15:46	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 15:46	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 15:46	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 15:46	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 15:46	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 15:46	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 15:46	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 15:46	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 15:46	1

Client Sample ID: AMW-9
Date Collected: 11/04/25 12:40
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 15:46	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 15:46	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 15:46	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 15:46	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 15:46	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 15:46	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 15:46	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 15:46	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 15:46	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 15:46	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 15:46	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 15:46	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 15:46	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 15:46	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 15:46	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 15:46	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 15:46	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 15:46	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 15:46	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 15:46	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 15:46	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*56 - 136*		*11/11/25 15:46*	*1*
Dibromofluoromethane	*101*		*79 - 130*		*11/11/25 15:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*		*11/11/25 15:46*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 15:46*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		11/08/25 10:44	11/11/25 14:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*21*		*10 - 140*	*11/08/25 10:44*	*11/11/25 14:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		11/08/25 13:40	11/10/25 23:23	1
2,6-Dinitrotoluene	ND	*+	10.1	0.293	ug/L		11/08/25 13:40	11/10/25 23:23	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		11/08/25 13:40	11/10/25 23:23	1
2-Chlorophenol	ND		10.1	0.848	ug/L		11/08/25 13:40	11/10/25 23:23	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		11/08/25 13:40	11/10/25 23:23	1

Client Sample ID: AMW-9
Date Collected: 11/04/25 12:40
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		11/08/25 13:40	11/10/25 23:23	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/08/25 13:40	11/10/25 23:23	1
2-Nitrophenol	ND	*+	10.1	1.18	ug/L		11/08/25 13:40	11/10/25 23:23	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		11/08/25 13:40	11/10/25 23:23	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		11/08/25 13:40	11/10/25 23:23	1
3-Nitroaniline	ND		10.1	0.960	ug/L		11/08/25 13:40	11/10/25 23:23	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		11/08/25 13:40	11/10/25 23:23	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/08/25 13:40	11/10/25 23:23	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		11/08/25 13:40	11/10/25 23:23	1
4-Chloroaniline	ND		10.1	0.586	ug/L		11/08/25 13:40	11/10/25 23:23	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/08/25 13:40	11/10/25 23:23	1
4-Nitroaniline	ND		10.1	3.54	ug/L		11/08/25 13:40	11/10/25 23:23	1
4-Nitrophenol	ND		10.1	2.77	ug/L		11/08/25 13:40	11/10/25 23:23	1
Acenaphthene	ND		10.1	0.636	ug/L		11/08/25 13:40	11/10/25 23:23	1
Acenaphthylene	ND		10.1	0.768	ug/L		11/08/25 13:40	11/10/25 23:23	1
Acetophenone	ND		10.1	3.23	ug/L		11/08/25 13:40	11/10/25 23:23	1
Anthracene	ND		10.1	0.919	ug/L		11/08/25 13:40	11/10/25 23:23	1
Atrazine	ND		10.1	1.14	ug/L		11/08/25 13:40	11/10/25 23:23	1
Benzaldehyde	ND		10.1	0.677	ug/L		11/08/25 13:40	11/10/25 23:23	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/08/25 13:40	11/10/25 23:23	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/08/25 13:40	11/10/25 23:23	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/08/25 13:40	11/10/25 23:23	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/08/25 13:40	11/10/25 23:23	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/08/25 13:40	11/10/25 23:23	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		11/08/25 13:40	11/10/25 23:23	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		11/08/25 13:40	11/10/25 23:23	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		11/08/25 13:40	11/10/25 23:23	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		11/08/25 13:40	11/10/25 23:23	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		11/08/25 13:40	11/10/25 23:23	1
Caprolactam	ND		10.1	2.42	ug/L		11/08/25 13:40	11/10/25 23:23	1
Carbazole	ND		10.1	0.323	ug/L		11/08/25 13:40	11/10/25 23:23	1
Chrysene	ND		10.1	1.21	ug/L		11/08/25 13:40	11/10/25 23:23	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/08/25 13:40	11/10/25 23:23	1
Dibenzofuran	ND		10.1	0.646	ug/L		11/08/25 13:40	11/10/25 23:23	1
Diethyl phthalate	ND		10.1	4.04	ug/L		11/08/25 13:40	11/10/25 23:23	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		11/08/25 13:40	11/10/25 23:23	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		11/08/25 13:40	11/10/25 23:23	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		11/08/25 13:40	11/10/25 23:23	1
Fluoranthene	ND		10.1	0.636	ug/L		11/08/25 13:40	11/10/25 23:23	1
Fluorene	ND		10.1	0.677	ug/L		11/08/25 13:40	11/10/25 23:23	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/08/25 13:40	11/10/25 23:23	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		11/08/25 13:40	11/10/25 23:23	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		11/08/25 13:40	11/10/25 23:23	1
Hexachloroethane	ND		10.1	0.535	ug/L		11/08/25 13:40	11/10/25 23:23	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/08/25 13:40	11/10/25 23:23	1
Isophorone	ND		10.1	0.808	ug/L		11/08/25 13:40	11/10/25 23:23	1
Naphthalene	ND		10.1	0.758	ug/L		11/08/25 13:40	11/10/25 23:23	1
Nitrobenzene	ND		10.1	0.606	ug/L		11/08/25 13:40	11/10/25 23:23	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		11/08/25 13:40	11/10/25 23:23	1

Client Sample ID: AMW-9
Date Collected: 11/04/25 12:40
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		11/08/25 13:40	11/10/25 23:23	1
Pentachlorophenol	ND		10.1	2.83	ug/L		11/08/25 13:40	11/10/25 23:23	1
Phenanthrene	ND		10.1	0.747	ug/L		11/08/25 13:40	11/10/25 23:23	1
Phenol	ND		10.1	0.687	ug/L		11/08/25 13:40	11/10/25 23:23	1
Pyrene	ND		10.1	0.636	ug/L		11/08/25 13:40	11/10/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 150*	*11/08/25 13:40*	*11/10/25 23:23*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*11/08/25 13:40*	*11/10/25 23:23*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*11/08/25 13:40*	*11/10/25 23:23*	*1*
Nitrobenzene-d5 (Surr)	*103*		*22 - 150*	*11/08/25 13:40*	*11/10/25 23:23*	*1*
Phenol-d5 (Surr)	*62*		*10 - 150*	*11/08/25 13:40*	*11/10/25 23:23*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*11/08/25 13:40*	*11/10/25 23:23*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:20	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:20	1
Barium	**86.2**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:20	1
Beryllium	ND		1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:20	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:20	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:20	1
Cobalt	**0.623**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:20	1
Copper	**298**		2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:20	1
Lead	**11.0**		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:20	1
Manganese	**2440**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:20	1
Nickel	**2.13**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:20	1
Selenium	ND		5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:20	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:20	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:20	1
Vanadium	ND		5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:20	1
Zinc	**166**		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.200	0.166	ug/L		11/13/25 12:47	11/13/25 19:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:54	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0590**	**J F1**	0.100	0.0100	mg/L			11/07/25 13:58	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/06/25 12:10	1
Nitrate as N (SM Nitrate by calc)	**0.0590**	**J**	0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**53.1**		10.0	2.80	mg/L			11/13/25 15:48	2

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: 110425-DUP-1
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 16:11	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 16:11	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 16:11	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 16:11	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 16:11	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 16:11	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 16:11	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 16:11	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 16:11	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 16:11	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 16:11	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 16:11	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 16:11	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 16:11	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 16:11	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 16:11	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 16:11	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 16:11	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 16:11	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 16:11	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 16:11	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 16:11	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 16:11	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 16:11	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 16:11	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 16:11	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 16:11	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 16:11	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 16:11	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 16:11	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 16:11	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 16:11	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 16:11	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 16:11	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 16:11	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 16:11	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 16:11	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 16:11	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 16:11	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 16:11	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 16:11	1

Client Sample ID: 110425-DUP-1
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 16:11	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 16:11	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 16:11	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 16:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 16:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 16:11	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 16:11	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 16:11	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 16:11	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 16:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 16:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 16:11	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 16:11	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 16:11	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 16:11	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 16:11	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 16:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 16:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 16:11	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 16:11	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 16:11	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*56 - 136*		*11/11/25 16:11*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*11/11/25 16:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*11/11/25 16:11*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 16:11*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		11/08/25 10:44	11/11/25 14:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*11/08/25 10:44*	*11/11/25 14:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		11/09/25 14:00	11/11/25 15:38	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		11/09/25 14:00	11/11/25 15:38	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		11/09/25 14:00	11/11/25 15:38	1
2-Chlorophenol	ND		10.0	0.843	ug/L		11/09/25 14:00	11/11/25 15:38	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		11/09/25 14:00	11/11/25 15:38	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: 110425-DUP-1
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		11/09/25 14:00	11/11/25 15:38	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 15:38	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/09/25 14:00	11/11/25 15:38	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		11/09/25 14:00	11/11/25 15:38	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		11/09/25 14:00	11/11/25 15:38	1
3-Nitroaniline	ND		10.0	0.953	ug/L		11/09/25 14:00	11/11/25 15:38	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		11/09/25 14:00	11/11/25 15:38	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 15:38	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		11/09/25 14:00	11/11/25 15:38	1
4-Chloroaniline	ND		10.0	0.582	ug/L		11/09/25 14:00	11/11/25 15:38	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		11/09/25 14:00	11/11/25 15:38	1
4-Nitroaniline	ND		10.0	3.51	ug/L		11/09/25 14:00	11/11/25 15:38	1
4-Nitrophenol	ND		10.0	2.75	ug/L		11/09/25 14:00	11/11/25 15:38	1
Acenaphthene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 15:38	1
Acenaphthylene	ND		10.0	0.763	ug/L		11/09/25 14:00	11/11/25 15:38	1
Acetophenone	ND		10.0	3.21	ug/L		11/09/25 14:00	11/11/25 15:38	1
Anthracene	ND		10.0	0.913	ug/L		11/09/25 14:00	11/11/25 15:38	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 15:38	1
Benzaldehyde	ND		10.0	0.672	ug/L		11/09/25 14:00	11/11/25 15:38	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 15:38	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 15:38	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 15:38	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		11/09/25 14:00	11/11/25 15:38	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		11/09/25 14:00	11/11/25 15:38	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		11/09/25 14:00	11/11/25 15:38	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		11/09/25 14:00	11/11/25 15:38	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		11/09/25 14:00	11/11/25 15:38	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 15:38	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 15:38	1
Caprolactam	ND		10.0	2.41	ug/L		11/09/25 14:00	11/11/25 15:38	1
Carbazole	ND		10.0	0.321	ug/L		11/09/25 14:00	11/11/25 15:38	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 15:38	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 15:38	1
Dibenzofuran	ND		10.0	0.642	ug/L		11/09/25 14:00	11/11/25 15:38	1
Diethyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 15:38	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 15:38	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		11/09/25 14:00	11/11/25 15:38	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		11/09/25 14:00	11/11/25 15:38	1
Fluoranthene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 15:38	1
Fluorene	ND		10.0	0.672	ug/L		11/09/25 14:00	11/11/25 15:38	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		11/09/25 14:00	11/11/25 15:38	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		11/09/25 14:00	11/11/25 15:38	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		11/09/25 14:00	11/11/25 15:38	1
Hexachloroethane	ND		10.0	0.532	ug/L		11/09/25 14:00	11/11/25 15:38	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 15:38	1
Isophorone	ND		10.0	0.803	ug/L		11/09/25 14:00	11/11/25 15:38	1
Naphthalene	ND		10.0	0.753	ug/L		11/09/25 14:00	11/11/25 15:38	1
Nitrobenzene	ND		10.0	0.602	ug/L		11/09/25 14:00	11/11/25 15:38	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		11/09/25 14:00	11/11/25 15:38	1

Client Sample ID: 110425-DUP-1
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		11/09/25 14:00	11/11/25 15:38	1
Pentachlorophenol	ND		10.0	2.81	ug/L		11/09/25 14:00	11/11/25 15:38	1
Phenanthrene	ND		10.0	0.742	ug/L		11/09/25 14:00	11/11/25 15:38	1
Phenol	ND		10.0	0.682	ug/L		11/09/25 14:00	11/11/25 15:38	1
Pyrene	ND		10.0	0.632	ug/L		11/09/25 14:00	11/11/25 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 150*	*11/09/25 14:00*	*11/11/25 15:38*	*1*
2-Fluorobiphenyl (Surr)	*85*		*25 - 139*	*11/09/25 14:00*	*11/11/25 15:38*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*11/09/25 14:00*	*11/11/25 15:38*	*1*
Nitrobenzene-d5 (Surr)	*109*		*22 - 150*	*11/09/25 14:00*	*11/11/25 15:38*	*1*
Phenol-d5 (Surr)	*67*		*10 - 150*	*11/09/25 14:00*	*11/11/25 15:38*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*11/09/25 14:00*	*11/11/25 15:38*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/13/25 00:44	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/13/25 00:44	1
Barium	**158**		10.0	0.410	ug/L		11/07/25 10:38	11/13/25 00:44	1
Beryllium	ND		1.00	0.147	ug/L		11/07/25 10:38	11/13/25 00:44	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/13/25 00:44	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/13/25 00:44	1
Cobalt	**0.546**	**J**	5.00	0.411	ug/L		11/07/25 10:38	11/13/25 00:44	1
Copper	**1.75**	**J**	2.00	0.642	ug/L		11/07/25 10:38	11/13/25 00:44	1
Lead	**3.64**		1.00	0.864	ug/L		11/07/25 10:38	11/13/25 00:44	1
Manganese	**127**		5.00	1.29	ug/L		11/07/25 10:38	11/13/25 00:44	1
Nickel	**1.17**	**J**	5.00	0.422	ug/L		11/07/25 10:38	11/13/25 00:44	1
Selenium	ND		5.00	2.29	ug/L		11/07/25 10:38	11/13/25 00:44	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/13/25 00:44	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/13/25 00:44	1
Vanadium	**3.14**	**J**	5.00	1.22	ug/L		11/07/25 10:38	11/13/25 00:44	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/13/25 00:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.200	0.166	ug/L		11/13/25 12:47	11/13/25 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/07/25 11:57	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.124**		0.100	0.0100	mg/L			11/07/25 14:04	1
Nitrite as N (MCAWW 353.2-1993 R2.0)	ND	H	0.100	0.0100	mg/L			11/06/25 12:09	1
Nitrate as N (SM Nitrate by calc)	**0.124**		0.100	0.0100	mg/L			11/07/25 17:24	1
Sulfate (SM 4500 SO4 E)	**10.6**		5.00	1.40	mg/L			11/13/25 15:13	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: Trip Blank 1
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 16:36	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 16:36	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 16:36	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 16:36	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 16:36	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 16:36	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 16:36	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 16:36	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 16:36	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 16:36	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 16:36	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 16:36	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 16:36	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 16:36	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 16:36	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 16:36	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 16:36	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 16:36	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 16:36	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 16:36	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 16:36	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 16:36	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 16:36	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 16:36	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 16:36	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 16:36	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 16:36	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 16:36	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 16:36	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 16:36	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 16:36	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 16:36	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 16:36	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 16:36	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 16:36	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 16:36	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 16:36	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 16:36	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 16:36	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 16:36	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 16:36	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 16:36	1

Client Sample ID: Trip Blank 1

Lab Sample ID: 752-38881-10

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/05/25 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 16:36	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 16:36	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 16:36	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 16:36	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 16:36	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 16:36	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 16:36	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 16:36	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 16:36	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 16:36	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 16:36	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 16:36	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 16:36	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 16:36	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 16:36	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 16:36	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 16:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 16:36	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 16:36	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 16:36	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 16:36	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 16:36	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*119*		*56 - 136*		*11/11/25 16:36*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*11/11/25 16:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*59 - 146*		*11/11/25 16:36*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*11/11/25 16:36*	*1*

Client Sample ID: Trip Blank 2

Lab Sample ID: 752-38881-11

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/05/25 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 17:01	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 17:01	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 17:01	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 17:01	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 17:01	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 17:01	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 17:01	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 17:01	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 17:01	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 17:01	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 17:01	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 17:01	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 17:01	1

Client Sample ID: Trip Blank 2
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 17:01	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 17:01	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 17:01	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 17:01	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 17:01	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 17:01	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 17:01	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 17:01	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 17:01	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 17:01	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 17:01	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 17:01	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 17:01	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 17:01	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 17:01	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 17:01	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 17:01	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 17:01	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 17:01	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 17:01	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 17:01	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 17:01	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 17:01	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 17:01	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 17:01	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 17:01	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 17:01	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 17:01	1
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 17:01	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 17:01	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 17:01	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 17:01	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 17:01	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 17:01	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 17:01	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 17:01	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 17:01	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 17:01	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 17:01	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 17:01	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: Trip Blank 2
Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 17:01	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 17:01	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 17:01	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 17:01	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 17:01	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 17:01	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 17:01	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 17:01	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 17:01	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*56 - 136*		*11/11/25 17:01*	*1*
Dibromofluoromethane	*98*		*79 - 130*		*11/11/25 17:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*11/11/25 17:01*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/11/25 17:01*	*1*

Surrogate Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-38881-1	MW-1	107	99	108	97
752-38881-1 MS	MW-1	99	98	100	94
752-38881-1 MSD	MW-1	100	97	101	95
752-38881-2	MW-2	118	96	105	97
752-38881-3	MW-3	115	97	106	98
752-38881-4	MW-4	106	97	105	97
752-38881-5	MW-5	113	98	105	97
752-38881-6	AMW-7	107	98	107	96
752-38881-7	AMW-8	122	98	106	98
752-38881-8	AMW-9	115	101	109	97
752-38881-9	110425-DUP-1	108	99	107	97
752-38881-10	Trip Blank 1	119	98	107	96
752-38881-11	Trip Blank 2	113	98	106	98
LCS 400-730038/1003	Lab Control Sample	99	103	109	92
MB 400-730038/5	Method Blank	107	99	105	97

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-38881-1	MW-1	88	75	49	106	43	51
752-38881-2	MW-2	101	76	71	105	63	54
752-38881-3	MW-3	101	75	72	114	57	48
752-38881-4	MW-4	92	78	49	104	38	47
752-38881-5	MW-5	96	79	72	105	64	58
752-38881-6	AMW-7	99	74	61	103	53	53
752-38881-7	AMW-8	93	77	68	102	60	45
752-38881-8	AMW-9	97	76	70	103	62	46
752-38881-9	110425-DUP-1	105	85	70	109	67	58
LCS 400-729855/2-A	Lab Control Sample	103	73	72	110	72	69
LCS 400-729868/2-A	Lab Control Sample	102	79	70	108	70	76
LCSD 400-729855/3-A	Lab Control Sample Dup	100	70	69	106	69	64
MB 400-729855/1-A	Method Blank	107	75	77	111	74	68
MB 400-729868/1-A	Method Blank	119	88	91	120	90	84

Surrogate Legend

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

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-140)						
752-38881-1	MW-1	26						
752-38881-2	MW-2	25						
752-38881-3	MW-3	22						
752-38881-4	MW-4	23						
752-38881-5	MW-5	23						
752-38881-6	AMW-7	24						
752-38881-7	AMW-8	21						
752-38881-8	AMW-9	21						
752-38881-9	110425-DUP-1	30						
LCS 400-729843/2-A	Lab Control Sample	28						
LCSD 400-729843/3-A	Lab Control Sample Dup	30						
MB 400-729843/1-A	Method Blank	34						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730038/5
Matrix: Water
Analysis Batch: 730038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/11/25 10:14	1
Benzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Bromobenzene	ND		1.00	0.540	ug/L			11/11/25 10:14	1
Bromoform	ND		5.00	0.250	ug/L			11/11/25 10:14	1
Bromomethane	ND		1.00	0.980	ug/L			11/11/25 10:14	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/11/25 10:14	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/11/25 10:14	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/11/25 10:14	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/11/25 10:14	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/11/25 10:14	1
Chloroethane	ND		1.00	0.760	ug/L			11/11/25 10:14	1
Chloroform	ND		1.00	0.900	ug/L			11/11/25 10:14	1
Chloromethane	ND		1.00	0.840	ug/L			11/11/25 10:14	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/11/25 10:14	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/11/25 10:14	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/11/25 10:14	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/11/25 10:14	1
Dibromomethane	ND		5.00	0.220	ug/L			11/11/25 10:14	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/11/25 10:14	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/11/25 10:14	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/11/25 10:14	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/11/25 10:14	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/11/25 10:14	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/11/25 10:14	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/11/25 10:14	1
Hexane	ND		1.00	0.960	ug/L			11/11/25 10:14	1
2-Hexanone	ND		25.0	9.10	ug/L			11/11/25 10:14	1
Iodomethane	ND		1.00	0.900	ug/L			11/11/25 10:14	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/11/25 10:14	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/11/25 10:14	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/11/25 10:14	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/11/25 10:14	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/11/25 10:14	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/11/25 10:14	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
Naphthalene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/11/25 10:14	1
n-Heptane	ND		1.00	0.690	ug/L			11/11/25 10:14	1

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

Lab Sample ID: MB 400-730038/5
Matrix: Water
Analysis Batch: 730038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/11/25 10:14	1
o-Xylene	ND		5.00	3.00	ug/L			11/11/25 10:14	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/11/25 10:14	1
Styrene	ND		1.00	1.00	ug/L			11/11/25 10:14	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/11/25 10:14	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/11/25 10:14	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/11/25 10:14	1
Toluene	ND		1.00	0.900	ug/L			11/11/25 10:14	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/11/25 10:14	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/11/25 10:14	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/11/25 10:14	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/11/25 10:14	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/11/25 10:14	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/11/25 10:14	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/11/25 10:14	1
Trichloroethene	ND		1.00	0.480	ug/L			11/11/25 10:14	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/11/25 10:14	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/11/25 10:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/11/25 10:14	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/11/25 10:14	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/11/25 10:14	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/11/25 10:14	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/11/25 10:14	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/11/25 10:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*11/11/25 10:14*	*1*
Dibromofluoromethane	*99*		*79 - 130*		*11/11/25 10:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 146*		*11/11/25 10:14*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*11/11/25 10:14*	*1*

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	212.8		ug/L		106	43 - 150
Benzene	50.0	45.68		ug/L		91	70 - 130
Bromobenzene	50.0	46.56		ug/L		93	70 - 132
Bromoform	50.0	46.83		ug/L		94	57 - 140
Bromomethane	50.0	49.35		ug/L		99	10 - 150
2-Butanone (MEK)	200	219.0		ug/L		110	61 - 145
Carbon disulfide	50.0	33.53		ug/L		67	61 - 137
Carbon tetrachloride	50.0	46.64		ug/L		93	61 - 137
Chlorobenzene	50.0	46.42		ug/L		93	70 - 130
Chlorobromomethane	50.0	42.07		ug/L		84	70 - 130
Chlorodibromomethane	50.0	46.43		ug/L		93	67 - 135

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

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	50.18		ug/L		100	55 - 141
Chloroform	50.0	47.82		ug/L		96	69 - 130
Chloromethane	50.0	36.21		ug/L		72	58 - 137
2-Chlorotoluene	50.0	44.61		ug/L		89	70 - 130
4-Chlorotoluene	50.0	49.81		ug/L		100	70 - 130
cis-1,2-Dichloroethene	50.0	45.39		ug/L		91	68 - 130
cis-1,3-Dichloropropene	50.0	44.99		ug/L		90	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	38.75		ug/L		78	54 - 135
Dibromomethane	50.0	45.00		ug/L		90	70 - 130
1,2-Dichlorobenzene	50.0	45.73		ug/L		91	67 - 130
1,3-Dichlorobenzene	50.0	48.27		ug/L		97	70 - 130
1,4-Dichlorobenzene	50.0	47.04		ug/L		94	70 - 130
Dichlorobromomethane	50.0	48.74		ug/L		97	67 - 133
1,1-Dichloroethane	50.0	45.02		ug/L		90	70 - 130
1,2-Dichloroethane	50.0	46.40		ug/L		93	69 - 130
1,1-Dichloroethene	50.0	41.21		ug/L		82	63 - 134
1,2-Dichloropropane	50.0	46.96		ug/L		94	70 - 130
1,3-Dichloropropane	50.0	44.76		ug/L		90	70 - 130
2,2-Dichloropropane	50.0	43.15		ug/L		86	52 - 135
1,1-Dichloropropene	50.0	43.88		ug/L		88	70 - 130
Ethyl acetate	100	85.79		ug/L		86	34 - 150
Ethylbenzene	50.0	46.92		ug/L		94	70 - 130
Ethylene Dibromide	50.0	43.94		ug/L		88	70 - 130
Hexachlorobutadiene	50.0	54.49		ug/L		109	53 - 140
Hexane	50.0	35.71		ug/L		71	69 - 130
2-Hexanone	200	197.1		ug/L		99	65 - 137
Iodomethane	50.0	15.35		ug/L		31	27 - 150
Isopropylbenzene	50.0	47.33		ug/L		95	70 - 130
Isopropyl ether	20.0	23.79		ug/L		119	64 - 132
4-Isopropyltoluene	50.0	49.30		ug/L		99	65 - 130
Methylene Chloride	50.0	37.80		ug/L		76	66 - 135
4-Methyl-2-pentanone (MIBK)	200	180.4		ug/L		90	69 - 138
Methyl tert-butyl ether	50.0	40.41		ug/L		81	66 - 130
m-Xylene & p-Xylene	50.0	46.89		ug/L		94	70 - 130
Naphthalene	50.0	36.94		ug/L		74	47 - 149
n-Butylbenzene	50.0	46.33		ug/L		93	67 - 130
n-Heptane	50.0	39.87		ug/L		80	70 - 130
N-Propylbenzene	50.0	46.73		ug/L		93	70 - 130
o-Xylene	50.0	46.01		ug/L		92	70 - 130
sec-Butylbenzene	50.0	49.49		ug/L		99	66 - 130
Styrene	50.0	45.39		ug/L		91	70 - 130
tert-Butylbenzene	50.0	50.21		ug/L		100	64 - 139
1,1,1,2-Tetrachloroethane	50.0	48.34		ug/L		97	67 - 131
1,1,2,2-Tetrachloroethane	50.0	44.37		ug/L		89	70 - 131
Tetrachloroethene	50.0	47.22		ug/L		94	65 - 130
Toluene	50.0	42.92		ug/L		86	70 - 130
trans-1,4-Dichloro-2-butene	50.0	44.56		ug/L		89	57 - 140
trans-1,2-Dichloroethene	50.0	42.39		ug/L		85	70 - 130
trans-1,3-Dichloropropene	50.0	42.81		ug/L		86	63 - 130

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

Lab Sample ID: LCS 400-730038/1003
Matrix: Water
Analysis Batch: 730038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	43.67		ug/L		87	60 - 138
1,2,4-Trichlorobenzene	50.0	43.22		ug/L		86	60 - 140
1,1,1-Trichloroethane	50.0	46.59		ug/L		93	68 - 130
1,1,2-Trichloroethane	50.0	44.66		ug/L		89	70 - 130
Trichloroethene	50.0	45.56		ug/L		91	70 - 130
Trichlorofluoromethane	50.0	46.69		ug/L		93	65 - 138
1,2,3-Trichloropropane	50.0	47.24		ug/L		94	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.74		ug/L		87	60 - 139
1,2,4-Trimethylbenzene	50.0	48.91		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	50.0	48.41		ug/L		97	69 - 130
Vinyl acetate	100	103.6		ug/L		104	26 - 150
Vinyl chloride	50.0	41.66		ug/L		83	59 - 136
Xylenes, Total	100	92.90		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*103*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 146*
Toluene-d8 (Surr)	*92*		*64 - 132*

Lab Sample ID: 752-38881-1 MS
Matrix: Water
Analysis Batch: 730038

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	200	98.89		ug/L		49	43 - 150
Benzene	ND		50.0	57.47		ug/L		115	56 - 142
Bromobenzene	ND		50.0	58.29		ug/L		117	59 - 136
Bromoform	ND		50.0	56.81		ug/L		114	50 - 140
Bromomethane	ND		50.0	55.96		ug/L		112	10 - 150
2-Butanone (MEK)	ND		200	151.5		ug/L		76	55 - 150
Carbon disulfide	ND		50.0	40.75		ug/L		81	48 - 150
Carbon tetrachloride	ND		50.0	56.64		ug/L		113	55 - 145
Chlorobenzene	ND		50.0	56.75		ug/L		114	64 - 130
Chlorobromomethane	ND		50.0	51.93		ug/L		104	64 - 140
Chlorodibromomethane	ND		50.0	56.15		ug/L		112	56 - 143
Chloroethane	ND	F2	50.0	58.17		ug/L		116	50 - 150
Chloroform	ND		50.0	59.65		ug/L		119	60 - 141
Chloromethane	ND		50.0	43.70		ug/L		87	49 - 148
2-Chlorotoluene	ND		50.0	54.64		ug/L		109	53 - 134
4-Chlorotoluene	ND		50.0	62.12		ug/L		124	54 - 133
cis-1,2-Dichloroethene	ND		50.0	55.88		ug/L		112	59 - 143
cis-1,3-Dichloropropene	ND		50.0	54.63		ug/L		109	57 - 140
1,2-Dibromo-3-Chloropropane	ND		50.0	44.75		ug/L		89	45 - 135
Dibromomethane	ND		50.0	54.39		ug/L		109	63 - 138
1,2-Dichlorobenzene	ND		50.0	57.02		ug/L		114	52 - 137
1,3-Dichlorobenzene	ND		50.0	60.10		ug/L		120	54 - 135
1,4-Dichlorobenzene	ND		50.0	58.43		ug/L		117	53 - 135

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

Lab Sample ID: 752-38881-1 MS
Matrix: Water
Analysis Batch: 730038

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorobromomethane	ND		50.0	60.02		ug/L		120	59 - 143
1,1-Dichloroethane	ND		50.0	56.29		ug/L		113	61 - 144
1,2-Dichloroethane	ND		50.0	57.69		ug/L		115	60 - 141
1,1-Dichloroethene	ND		50.0	49.90		ug/L		100	54 - 147
1,2-Dichloropropane	ND		50.0	59.89		ug/L		120	66 - 137
1,3-Dichloropropane	ND		50.0	54.48		ug/L		109	66 - 133
2,2-Dichloropropane	ND		50.0	53.29		ug/L		107	42 - 144
1,1-Dichloropropene	ND		50.0	53.96		ug/L		108	65 - 136
Ethyl acetate	ND		100	98.62		ug/L		99	34 - 150
Ethylbenzene	ND		50.0	56.76		ug/L		114	58 - 131
Ethylene Dibromide	ND		50.0	52.95		ug/L		106	64 - 132
Hexachlorobutadiene	ND		50.0	60.62		ug/L		121	31 - 149
Hexane	ND		50.0	43.61		ug/L		87	60 - 142
2-Hexanone	ND	F1	200	153.0		ug/L		77	65 - 140
Iodomethane	ND		50.0	22.28		ug/L		45	20 - 150
Isopropylbenzene	ND		50.0	56.98		ug/L		114	56 - 133
Isopropyl ether	ND		20.0	25.82		ug/L		129	60 - 144
4-Isopropyltoluene	ND		50.0	59.29		ug/L		119	48 - 139
Methylene Chloride	ND		50.0	45.92		ug/L		92	60 - 146
4-Methyl-2-pentanone (MIBK)	ND		200	196.5		ug/L		98	63 - 146
Methyl tert-butyl ether	ND		50.0	48.91		ug/L		98	59 - 137
m-Xylene & p-Xylene	ND		50.0	56.80		ug/L		114	57 - 130
Naphthalene	ND		50.0	46.44		ug/L		93	25 - 150
n-Butylbenzene	ND	F2	50.0	53.47		ug/L		107	41 - 142
n-Heptane	ND		50.0	46.95		ug/L		94	64 - 142
N-Propylbenzene	ND		50.0	56.28		ug/L		113	51 - 138
o-Xylene	ND		50.0	56.87		ug/L		114	61 - 130
sec-Butylbenzene	ND		50.0	58.86		ug/L		118	50 - 138
Styrene	ND		50.0	56.69		ug/L		113	58 - 131
tert-Butylbenzene	ND		50.0	61.34		ug/L		123	54 - 146
1,1,1,2-Tetrachloroethane	ND		50.0	59.51		ug/L		119	59 - 137
1,1,2,2-Tetrachloroethane	ND		50.0	54.54		ug/L		109	66 - 135
Tetrachloroethene	ND		50.0	52.50		ug/L		105	52 - 133
Toluene	ND		50.0	53.52		ug/L		107	65 - 130
trans-1,4-Dichloro-2-butene	ND		50.0	52.77		ug/L		106	43 - 147
trans-1,2-Dichloroethene	ND		50.0	52.64		ug/L		105	61 - 143
trans-1,3-Dichloropropene	ND		50.0	51.90		ug/L		104	53 - 133
1,2,3-Trichlorobenzene	ND		50.0	54.43		ug/L		109	43 - 145
1,2,4-Trichlorobenzene	ND		50.0	53.30		ug/L		107	39 - 148
1,1,1-Trichloroethane	ND		50.0	57.26		ug/L		115	57 - 142
1,1,2-Trichloroethane	ND		50.0	55.02		ug/L		110	66 - 131
Trichloroethene	ND		50.0	55.68		ug/L		111	64 - 136
Trichlorofluoromethane	ND		50.0	55.00		ug/L		110	54 - 150
1,2,3-Trichloropropane	ND		50.0	56.77		ug/L		114	65 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	53.09		ug/L		106	55 - 150
1,2,4-Trimethylbenzene	ND		50.0	61.35		ug/L		123	50 - 139
1,3,5-Trimethylbenzene	ND		50.0	60.69		ug/L		121	52 - 135
Vinyl acetate	ND		100	120.3		ug/L		120	26 - 150

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

Lab Sample ID: 752-38881-1 MS
Matrix: Water
Analysis Batch: 730038

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	ND		50.0	49.98		ug/L		100	46 - 150
Xylenes, Total	ND		100	113.7		ug/L		114	59 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*98*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 146*
Toluene-d8 (Surr)	*94*		*64 - 132*

Lab Sample ID: 752-38881-1 MSD
Matrix: Water
Analysis Batch: 730038

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	200	80.13	F1	ug/L		40	43 - 150	21	30
Benzene	ND		50.0	45.61		ug/L		91	56 - 142	23	30
Bromobenzene	ND		50.0	46.36		ug/L		93	59 - 136	23	30
Bromoform	ND		50.0	43.88		ug/L		88	50 - 140	26	30
Bromomethane	ND		50.0	44.45		ug/L		89	10 - 150	23	50
2-Butanone (MEK)	ND		200	122.9		ug/L		61	55 - 150	21	30
Carbon disulfide	ND		50.0	33.15		ug/L		66	48 - 150	21	30
Carbon tetrachloride	ND		50.0	44.89		ug/L		90	55 - 145	23	30
Chlorobenzene	ND		50.0	45.47		ug/L		91	64 - 130	22	30
Chlorobromomethane	ND		50.0	42.72		ug/L		85	64 - 140	19	30
Chlorodibromomethane	ND		50.0	44.08		ug/L		88	56 - 143	24	30
Chloroethane	ND	F2	50.0	42.51	F2	ug/L		85	50 - 150	31	30
Chloroform	ND		50.0	47.73		ug/L		95	60 - 141	22	30
Chloromethane	ND		50.0	35.63		ug/L		71	49 - 148	20	31
2-Chlorotoluene	ND		50.0	42.20		ug/L		84	53 - 134	26	30
4-Chlorotoluene	ND		50.0	47.86		ug/L		96	54 - 133	26	30
cis-1,2-Dichloroethene	ND		50.0	45.28		ug/L		91	59 - 143	21	30
cis-1,3-Dichloropropene	ND		50.0	43.58		ug/L		87	57 - 140	23	30
1,2-Dibromo-3-Chloropropane	ND		50.0	34.50		ug/L		69	45 - 135	26	30
Dibromomethane	ND		50.0	43.20		ug/L		86	63 - 138	23	30
1,2-Dichlorobenzene	ND		50.0	45.44		ug/L		91	52 - 137	23	30
1,3-Dichlorobenzene	ND		50.0	47.37		ug/L		95	54 - 135	24	30
1,4-Dichlorobenzene	ND		50.0	46.72		ug/L		93	53 - 135	22	30
Dichlorobromomethane	ND		50.0	47.46		ug/L		95	59 - 143	23	30
1,1-Dichloroethane	ND		50.0	46.24		ug/L		92	61 - 144	20	30
1,2-Dichloroethane	ND		50.0	45.40		ug/L		91	60 - 141	24	30
1,1-Dichloroethene	ND		50.0	41.15		ug/L		82	54 - 147	19	30
1,2-Dichloropropane	ND		50.0	47.04		ug/L		94	66 - 137	24	30
1,3-Dichloropropane	ND		50.0	44.05		ug/L		88	66 - 133	21	30
2,2-Dichloropropane	ND		50.0	43.04		ug/L		86	42 - 144	21	31
1,1-Dichloropropene	ND		50.0	43.35		ug/L		87	65 - 136	22	30
Ethyl acetate	ND		100	77.95		ug/L		78	34 - 150	23	30
Ethylbenzene	ND		50.0	44.72		ug/L		89	58 - 131	24	30
Ethylene Dibromide	ND		50.0	43.38		ug/L		87	64 - 132	20	30

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

Lab Sample ID: 752-38881-1 MSD
Matrix: Water
Analysis Batch: 730038

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		50.0	47.78		ug/L		96	31 - 149	24	36
Hexane	ND		50.0	35.40		ug/L		71	60 - 142	21	30
2-Hexanone	ND	F1	200	121.1	F1	ug/L		61	65 - 140	23	30
Iodomethane	ND		50.0	17.78		ug/L		36	20 - 150	22	44
Isopropylbenzene	ND		50.0	44.03		ug/L		88	56 - 133	26	30
Isopropyl ether	ND		20.0	20.59		ug/L		103	60 - 144	23	30
4-Isopropyltoluene	ND		50.0	44.40		ug/L		89	48 - 139	29	30
Methylene Chloride	ND		50.0	37.98		ug/L		76	60 - 146	19	32
4-Methyl-2-pentanone (MIBK)	ND		200	154.1		ug/L		77	63 - 146	24	30
Methyl tert-butyl ether	ND		50.0	40.48		ug/L		81	59 - 137	19	30
m-Xylene & p-Xylene	ND		50.0	44.39		ug/L		89	57 - 130	25	30
Naphthalene	ND		50.0	39.00		ug/L		78	25 - 150	17	30
n-Butylbenzene	ND	F2	50.0	38.47	F2	ug/L		77	41 - 142	33	31
n-Heptane	ND		50.0	36.85		ug/L		74	64 - 142	24	30
N-Propylbenzene	ND		50.0	43.40		ug/L		87	51 - 138	26	30
o-Xylene	ND		50.0	44.68		ug/L		89	61 - 130	24	30
sec-Butylbenzene	ND		50.0	44.47		ug/L		89	50 - 138	28	30
Styrene	ND		50.0	44.40		ug/L		89	58 - 131	24	30
tert-Butylbenzene	ND		50.0	46.57		ug/L		93	54 - 146	27	30
1,1,1,2-Tetrachloroethane	ND		50.0	47.10		ug/L		94	59 - 137	23	30
1,1,2,2-Tetrachloroethane	ND		50.0	43.66		ug/L		87	66 - 135	22	30
Tetrachloroethene	ND		50.0	42.60		ug/L		85	52 - 133	21	30
Toluene	ND		50.0	42.71		ug/L		85	65 - 130	22	30
trans-1,4-Dichloro-2-butene	ND		50.0	40.16		ug/L		80	43 - 147	27	36
trans-1,2-Dichloroethene	ND		50.0	42.10		ug/L		84	61 - 143	22	30
trans-1,3-Dichloropropene	ND		50.0	41.70		ug/L		83	53 - 133	22	30
1,2,3-Trichlorobenzene	ND		50.0	46.56		ug/L		93	43 - 145	16	30
1,2,4-Trichlorobenzene	ND		50.0	43.94		ug/L		88	39 - 148	19	30
1,1,1-Trichloroethane	ND		50.0	45.60		ug/L		91	57 - 142	23	30
1,1,2-Trichloroethane	ND		50.0	45.11		ug/L		90	66 - 131	20	30
Trichloroethene	ND		50.0	44.09		ug/L		88	64 - 136	23	30
Trichlorofluoromethane	ND		50.0	41.65		ug/L		83	54 - 150	28	30
1,2,3-Trichloropropane	ND		50.0	45.02		ug/L		90	65 - 133	23	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	43.08		ug/L		86	55 - 150	21	30
1,2,4-Trimethylbenzene	ND		50.0	47.07		ug/L		94	50 - 139	26	30
1,3,5-Trimethylbenzene	ND		50.0	46.55		ug/L		93	52 - 135	26	30
Vinyl acetate	ND		100	88.99		ug/L		89	26 - 150	30	33
Vinyl chloride	ND		50.0	39.29		ug/L		79	46 - 150	24	30
Xylenes, Total	ND		100	89.07		ug/L		89	59 - 130	24	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*56 - 136*
Dibromofluoromethane	*97*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*
Toluene-d8 (Surr)	*95*		*64 - 132*

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

Lab Sample ID: MB 400-729855/1-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/08/25 13:40	11/10/25 15:58	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/08/25 13:40	11/10/25 15:58	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/08/25 13:40	11/10/25 15:58	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/08/25 13:40	11/10/25 15:58	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/08/25 13:40	11/10/25 15:58	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/08/25 13:40	11/10/25 15:58	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/08/25 13:40	11/10/25 15:58	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/08/25 13:40	11/10/25 15:58	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/08/25 13:40	11/10/25 15:58	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/08/25 13:40	11/10/25 15:58	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/08/25 13:40	11/10/25 15:58	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/08/25 13:40	11/10/25 15:58	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/08/25 13:40	11/10/25 15:58	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/08/25 13:40	11/10/25 15:58	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/08/25 13:40	11/10/25 15:58	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/08/25 13:40	11/10/25 15:58	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/08/25 13:40	11/10/25 15:58	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/08/25 13:40	11/10/25 15:58	1
Acenaphthene	ND		10.0	0.630	ug/L		11/08/25 13:40	11/10/25 15:58	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/08/25 13:40	11/10/25 15:58	1
Acetophenone	ND		10.0	3.20	ug/L		11/08/25 13:40	11/10/25 15:58	1
Anthracene	ND		10.0	0.910	ug/L		11/08/25 13:40	11/10/25 15:58	1
Atrazine	ND		10.0	1.13	ug/L		11/08/25 13:40	11/10/25 15:58	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/08/25 13:40	11/10/25 15:58	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/08/25 13:40	11/10/25 15:58	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/08/25 13:40	11/10/25 15:58	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/08/25 13:40	11/10/25 15:58	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/08/25 13:40	11/10/25 15:58	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/08/25 13:40	11/10/25 15:58	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/08/25 13:40	11/10/25 15:58	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/08/25 13:40	11/10/25 15:58	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/08/25 13:40	11/10/25 15:58	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 15:58	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 15:58	1
Caprolactam	ND		10.0	2.40	ug/L		11/08/25 13:40	11/10/25 15:58	1
Carbazole	ND		10.0	0.320	ug/L		11/08/25 13:40	11/10/25 15:58	1
Chrysene	ND		10.0	1.20	ug/L		11/08/25 13:40	11/10/25 15:58	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/08/25 13:40	11/10/25 15:58	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/08/25 13:40	11/10/25 15:58	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 15:58	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 15:58	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/08/25 13:40	11/10/25 15:58	1

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

Lab Sample ID: MB 400-729855/1-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/08/25 13:40	11/10/25 15:58	1
Fluoranthene	ND		10.0	0.630	ug/L		11/08/25 13:40	11/10/25 15:58	1
Fluorene	ND		10.0	0.670	ug/L		11/08/25 13:40	11/10/25 15:58	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/08/25 13:40	11/10/25 15:58	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/08/25 13:40	11/10/25 15:58	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/08/25 13:40	11/10/25 15:58	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/08/25 13:40	11/10/25 15:58	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/08/25 13:40	11/10/25 15:58	1
Isophorone	ND		10.0	0.800	ug/L		11/08/25 13:40	11/10/25 15:58	1
Naphthalene	ND		10.0	0.750	ug/L		11/08/25 13:40	11/10/25 15:58	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/08/25 13:40	11/10/25 15:58	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/08/25 13:40	11/10/25 15:58	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/08/25 13:40	11/10/25 15:58	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/08/25 13:40	11/10/25 15:58	1
Phenanthrene	ND		10.0	0.740	ug/L		11/08/25 13:40	11/10/25 15:58	1
Phenol	ND		10.0	0.680	ug/L		11/08/25 13:40	11/10/25 15:58	1
Pyrene	ND		10.0	0.630	ug/L		11/08/25 13:40	11/10/25 15:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*10 - 150*	*11/08/25 13:40*	*11/10/25 15:58*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*11/08/25 13:40*	*11/10/25 15:58*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 150*	*11/08/25 13:40*	*11/10/25 15:58*	*1*
Nitrobenzene-d5 (Surr)	*111*		*22 - 150*	*11/08/25 13:40*	*11/10/25 15:58*	*1*
Phenol-d5 (Surr)	*74*		*10 - 150*	*11/08/25 13:40*	*11/10/25 15:58*	*1*
Terphenyl-d14 (Surr)	*68*		*28 - 150*	*11/08/25 13:40*	*11/10/25 15:58*	*1*

Lab Sample ID: LCS 400-729855/2-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.91		ug/L		60	27 - 120
2,4,5-Trichlorophenol	33.3	28.67		ug/L		86	27 - 136
2,4,6-Trichlorophenol	33.3	27.76		ug/L		83	21 - 132
2,4-Dichlorophenol	33.3	27.57		ug/L		83	30 - 125
2,4-Dimethylphenol	33.3	22.86		ug/L		69	10 - 142
2,4-Dinitrophenol	66.7	68.50		ug/L		103	10 - 150
2,4-Dinitrotoluene	33.3	37.68		ug/L		113	30 - 129
2,6-Dinitrotoluene	33.3	44.22	*+	ug/L		133	34 - 132
2-Chloronaphthalene	33.3	18.81		ug/L		56	10 - 150
2-Chlorophenol	33.3	26.77		ug/L		80	28 - 127
2-Methylnaphthalene	33.3	19.28		ug/L		58	24 - 150
2-Methylphenol	33.3	28.16		ug/L		84	11 - 121
2-Nitroaniline	33.3	45.66		ug/L		137	31 - 141
2-Nitrophenol	33.3	55.86	*+	ug/L		168	31 - 142
3 & 4 Methylphenol	33.3	27.34		ug/L		82	10 - 150
3,3'-Dichlorobenzidine	66.7	24.37		ug/L		37	10 - 150
3-Nitroaniline	33.3	36.64		ug/L		110	33 - 136

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

Lab Sample ID: LCS 400-729855/2-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	66.7	87.91		ug/L		132	10 - 150
4-Bromophenyl phenyl ether	33.3	22.90		ug/L		69	24 - 120
4-Chloro-3-methylphenol	33.3	28.66		ug/L		86	10 - 137
4-Chloroaniline	33.3	24.30		ug/L		73	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.57		ug/L		68	31 - 110
4-Nitroaniline	33.3	36.91		ug/L		111	37 - 139
4-Nitrophenol	66.7	69.62		ug/L		104	10 - 150
Acenaphthene	33.3	21.93		ug/L		66	29 - 150
Acenaphthylene	33.3	22.00		ug/L		66	30 - 150
Acetophenone	33.3	24.57		ug/L		74	27 - 119
Anthracene	33.3	26.26		ug/L		79	31 - 150
Atrazine	33.3	23.70		ug/L		71	10 - 150
Benzaldehyde	33.3	22.64		ug/L		68	10 - 150
Benzo[a]anthracene	33.3	22.04		ug/L		66	36 - 150
Benzo[a]pyrene	33.3	24.08		ug/L		72	29 - 150
Benzo[b]fluoranthene	33.3	23.26		ug/L		70	32 - 150
Benzo[g,h,i]perylene	33.3	24.63		ug/L		74	28 - 150
Benzo[k]fluoranthene	33.3	24.02		ug/L		72	30 - 150
bis (2-chloroisopropyl) ether	33.3	23.12		ug/L		69	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.49		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	24.16		ug/L		72	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.99		ug/L		75	24 - 133
Butyl benzyl phthalate	33.3	26.01		ug/L		78	24 - 140
Caprolactam	33.3	33.47		ug/L		100	10 - 150
Carbazole	33.3	27.03		ug/L		81	28 - 123
Chrysene	33.3	21.67		ug/L		65	34 - 150
Dibenz(a,h)anthracene	33.3	23.33		ug/L		70	29 - 150
Dibenzofuran	33.3	23.31		ug/L		70	35 - 110
Diethyl phthalate	33.3	16.69		ug/L		50	31 - 118
Dimethyl phthalate	33.3	16.99		ug/L		51	24 - 125
Di-n-butyl phthalate	33.3	23.99		ug/L		72	30 - 127
Di-n-octyl phthalate	33.3	27.95		ug/L		84	28 - 142
Fluoranthene	33.3	28.54		ug/L		86	30 - 150
Fluorene	33.3	23.00		ug/L		69	30 - 150
Hexachlorobenzene	33.3	26.18		ug/L		79	29 - 113
Hexachlorobutadiene	33.3	6.284	J	ug/L		19	10 - 117
Hexachlorocyclopentadiene	33.3	7.542	J	ug/L		23	10 - 150
Hexachloroethane	33.3	9.044	J	ug/L		27	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.72		ug/L		65	28 - 150
Isophorone	33.3	24.71		ug/L		74	29 - 125
Naphthalene	33.3	20.16		ug/L		60	27 - 150
Nitrobenzene	33.3	32.41		ug/L		97	29 - 129
N-Nitrosodi-n-propylamine	33.3	22.86		ug/L		69	50 - 134
N-Nitrosodiphenylamine	33.1	25.23		ug/L		76	50 - 132
Pentachlorophenol	66.7	70.83		ug/L		106	14 - 150
Phenanthrene	33.3	25.39		ug/L		76	32 - 150
Phenol	33.3	22.71		ug/L		68	10 - 150
Pyrene	33.3	27.46		ug/L		82	30 - 150

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

Lab Sample ID: LCS 400-729855/2-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729855

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 150*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*
2-Fluorophenol (Surr)	*72*		*10 - 150*
Nitrobenzene-d5 (Surr)	*110*		*22 - 150*
Phenol-d5 (Surr)	*72*		*10 - 150*
Terphenyl-d14 (Surr)	*69*		*28 - 150*

Lab Sample ID: LCSD 400-729855/3-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729855

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	20.10		ug/L		60	27 - 120	1	40
2,4,5-Trichlorophenol			33.3	27.49		ug/L		82	27 - 136	4	40
2,4,6-Trichlorophenol			33.3	27.40		ug/L		82	21 - 132	1	40
2,4-Dichlorophenol			33.3	27.02		ug/L		81	30 - 125	2	40
2,4-Dimethylphenol			33.3	22.96		ug/L		69	10 - 142	0	40
2,4-Dinitrophenol			66.7	68.12		ug/L		102	10 - 150	1	40
2,4-Dinitrotoluene			33.3	38.17		ug/L		115	30 - 129	1	40
2,6-Dinitrotoluene			33.3	43.67		ug/L		131	34 - 132	1	40
2-Chloronaphthalene			33.3	19.29		ug/L		58	10 - 150	3	40
2-Chlorophenol			33.3	25.81		ug/L		77	28 - 127	4	40
2-Methylnaphthalene			33.3	19.94		ug/L		60	24 - 150	3	40
2-Methylphenol			33.3	26.81		ug/L		80	11 - 121	5	40
2-Nitroaniline			33.3	44.74		ug/L		134	31 - 141	2	40
2-Nitrophenol			33.3	55.62	*+	ug/L		167	31 - 142	0	40
3 & 4 Methylphenol			33.3	26.08		ug/L		78	10 - 150	5	40
3,3'-Dichlorobenzidine			66.7	24.40		ug/L		37	10 - 150	0	40
3-Nitroaniline			33.3	36.43		ug/L		109	33 - 136	1	40
4,6-Dinitro-2-methylphenol			66.7	86.42		ug/L		130	10 - 150	2	40
4-Bromophenyl phenyl ether			33.3	22.21		ug/L		67	24 - 120	3	40
4-Chloro-3-methylphenol			33.3	28.19		ug/L		85	10 - 137	2	40
4-Chloroaniline			33.3	25.69		ug/L		77	10 - 150	6	40
4-Chlorophenyl phenyl ether			33.3	22.86		ug/L		69	31 - 110	1	40
4-Nitroaniline			33.3	35.92		ug/L		108	37 - 139	3	40
4-Nitrophenol			66.7	69.38		ug/L		104	10 - 150	0	40
Acenaphthene			33.3	22.02		ug/L		66	29 - 150	0	40
Acenaphthylene			33.3	21.99		ug/L		66	30 - 150	0	40
Acetophenone			33.3	24.35		ug/L		73	27 - 119	1	40
Anthracene			33.3	25.08		ug/L		75	31 - 150	5	40
Atrazine			33.3	21.85		ug/L		66	10 - 150	8	40
Benzaldehyde			33.3	21.65		ug/L		65	10 - 150	4	40
Benzo[a]anthracene			33.3	21.57		ug/L		65	36 - 150	2	40
Benzo[a]pyrene			33.3	23.17		ug/L		69	29 - 150	4	40
Benzo[b]fluoranthene			33.3	21.64		ug/L		65	32 - 150	7	40
Benzo[g,h,i]perylene			33.3	24.13		ug/L		72	28 - 150	2	40
Benzo[k]fluoranthene			33.3	23.78		ug/L		71	30 - 150	1	40
bis (2-chloroisopropyl) ether			33.3	22.47		ug/L		67	32 - 115	3	40

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

Lab Sample ID: LCSD 400-729855/3-A
Matrix: Water
Analysis Batch: 729904

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729855

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	33.3	25.25		ug/L		76	34 - 120	1	40
Bis(2-chloroethyl)ether	33.3	23.36		ug/L		70	32 - 114	3	40
Bis(2-ethylhexyl) phthalate	33.3	23.70		ug/L		71	24 - 133	5	40
Butyl benzyl phthalate	33.3	24.97		ug/L		75	24 - 140	4	40
Caprolactam	33.3	31.28		ug/L		94	10 - 150	7	40
Carbazole	33.3	25.99		ug/L		78	28 - 123	4	40
Chrysene	33.3	21.59		ug/L		65	34 - 150	0	40
Dibenz(a,h)anthracene	33.3	22.70		ug/L		68	29 - 150	3	40
Dibenzofuran	33.3	23.64		ug/L		71	35 - 110	1	40
Diethyl phthalate	33.3	16.34		ug/L		49	31 - 118	2	40
Dimethyl phthalate	33.3	16.64		ug/L		50	24 - 125	2	40
Di-n-butyl phthalate	33.3	22.71		ug/L		68	30 - 127	5	40
Di-n-octyl phthalate	33.3	26.56		ug/L		80	28 - 142	5	40
Fluoranthene	33.3	27.17		ug/L		82	30 - 150	5	40
Fluorene	33.3	23.24		ug/L		70	30 - 150	1	40
Hexachlorobenzene	33.3	24.82		ug/L		74	29 - 113	5	40
Hexachlorobutadiene	33.3	8.829	J	ug/L		26	10 - 117	34	40
Hexachlorocyclopentadiene	33.3	9.136	J	ug/L		27	10 - 150	19	40
Hexachloroethane	33.3	11.75		ug/L		35	10 - 112	26	40
Indeno[1,2,3-cd]pyrene	33.3	21.36		ug/L		64	28 - 150	2	40
Isophorone	33.3	23.74		ug/L		71	29 - 125	4	40
Naphthalene	33.3	21.43		ug/L		64	27 - 150	6	40
Nitrobenzene	33.3	31.93		ug/L		96	29 - 129	1	40
N-Nitrosodi-n-propylamine	33.3	22.17		ug/L		67	50 - 134	3	40
N-Nitrosodiphenylamine	33.1	25.15		ug/L		76	50 - 132	0	40
Pentachlorophenol	66.7	68.89		ug/L		103	14 - 150	3	40
Phenanthrene	33.3	24.20		ug/L		73	32 - 150	5	40
Phenol	33.3	22.02		ug/L		66	10 - 150	3	40
Pyrene	33.3	26.35		ug/L		79	30 - 150	4	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*
2-Fluorophenol (Surr)	*69*		*10 - 150*
Nitrobenzene-d5 (Surr)	*106*		*22 - 150*
Phenol-d5 (Surr)	*69*		*10 - 150*
Terphenyl-d14 (Surr)	*64*		*28 - 150*

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 14:00	11/11/25 12:56	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 12:56	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 12:56	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 12:56	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 12:56	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 12:56	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 12:56	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1

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

Lab Sample ID: MB 400-729868/1-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 12:56	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 12:56	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
2-Fluorobiphenyl (Surr)	*88*		*25 - 139*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
Nitrobenzene-d5 (Surr)	*120*		*22 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
Phenol-d5 (Surr)	*90*		*10 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*
Terphenyl-d14 (Surr)	*84*		*28 - 150*	*11/09/25 14:00*	*11/11/25 12:56*	*1*

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.11		ug/L		57	27 - 120
2,4,5-Trichlorophenol	33.3	24.25		ug/L		73	27 - 136
2,4,6-Trichlorophenol	33.3	24.96		ug/L		75	21 - 132
2,4-Dichlorophenol	33.3	24.87		ug/L		75	30 - 125
2,4-Dimethylphenol	33.3	20.41		ug/L		61	10 - 142
2,4-Dinitrophenol	66.7	66.68		ug/L		100	10 - 150
2,4-Dinitrotoluene	33.3	35.63		ug/L		107	30 - 129
2,6-Dinitrotoluene	33.3	41.04		ug/L		123	34 - 132
2-Chloronaphthalene	33.3	18.77		ug/L		56	10 - 150
2-Chlorophenol	33.3	24.66		ug/L		74	28 - 127
2-Methylnaphthalene	33.3	18.25		ug/L		55	24 - 150
2-Methylphenol	33.3	26.11		ug/L		78	11 - 121
2-Nitroaniline	33.3	41.72		ug/L		125	31 - 141
2-Nitrophenol	33.3	50.69	*+	ug/L		152	31 - 142
3 & 4 Methylphenol	33.3	23.97		ug/L		72	10 - 150
3,3'-Dichlorobenzidine	66.7	24.53		ug/L		37	10 - 150
3-Nitroaniline	33.3	35.88		ug/L		108	33 - 136
4,6-Dinitro-2-methylphenol	66.7	89.48		ug/L		134	10 - 150
4-Bromophenyl phenyl ether	33.3	22.80		ug/L		68	24 - 120
4-Chloro-3-methylphenol	33.3	25.71		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.91		ug/L		78	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.73		ug/L		68	31 - 110
4-Nitroaniline	33.3	35.46		ug/L		106	37 - 139

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

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitrophenol	66.7	64.13		ug/L		96	10 - 150
Acenaphthene	33.3	21.70		ug/L		65	29 - 150
Acenaphthylene	33.3	21.02		ug/L		63	30 - 150
Acetophenone	33.3	23.42		ug/L		70	27 - 119
Anthracene	33.3	25.81		ug/L		77	31 - 150
Atrazine	33.3	22.66		ug/L		68	10 - 150
Benzaldehyde	33.3	18.82		ug/L		56	10 - 150
Benzo[a]anthracene	33.3	22.37		ug/L		67	36 - 150
Benzo[a]pyrene	33.3	24.44		ug/L		73	29 - 150
Benzo[b]fluoranthene	33.3	22.70		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	25.26		ug/L		76	28 - 150
Benzo[k]fluoranthene	33.3	25.79		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.76		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.26		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	23.80		ug/L		71	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	23.15		ug/L		69	24 - 133
Butyl benzyl phthalate	33.3	24.20		ug/L		73	24 - 140
Caprolactam	33.3	28.73		ug/L		86	10 - 150
Carbazole	33.3	26.40		ug/L		79	28 - 123
Chrysene	33.3	22.80		ug/L		68	34 - 150
Dibenz(a,h)anthracene	33.3	23.71		ug/L		71	29 - 150
Dibenzofuran	33.3	23.86		ug/L		72	35 - 110
Diethyl phthalate	33.3	15.06		ug/L		45	31 - 118
Dimethyl phthalate	33.3	15.53		ug/L		47	24 - 125
Di-n-butyl phthalate	33.3	21.33		ug/L		64	30 - 127
Di-n-octyl phthalate	33.3	25.13		ug/L		75	28 - 142
Fluoranthene	33.3	27.29		ug/L		82	30 - 150
Fluorene	33.3	23.06		ug/L		69	30 - 150
Hexachlorobenzene	33.3	25.47		ug/L		76	29 - 113
Hexachlorobutadiene	33.3	7.418	J	ug/L		22	10 - 117
Hexachlorocyclopentadiene	33.3	8.691	J	ug/L		26	10 - 150
Hexachloroethane	33.3	9.070	J	ug/L		27	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.91		ug/L		66	28 - 150
Isophorone	33.3	23.33		ug/L		70	29 - 125
Naphthalene	33.3	18.89		ug/L		57	27 - 150
Nitrobenzene	33.3	30.97		ug/L		93	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.77		ug/L		65	50 - 134
N-Nitrosodiphenylamine	33.1	25.70		ug/L		78	50 - 132
Pentachlorophenol	66.7	65.92		ug/L		99	14 - 150
Phenanthrene	33.3	25.19		ug/L		76	32 - 150
Phenol	33.3	21.48		ug/L		64	10 - 150
Pyrene	33.3	26.87		ug/L		81	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 150*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*
2-Fluorophenol (Surr)	*70*		*10 - 150*
Nitrobenzene-d5 (Surr)	*108*		*22 - 150*

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

Lab Sample ID: LCS 400-729868/2-A
Matrix: Water
Analysis Batch: 730060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729868

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	70		10 - 150
Terphenyl-d14 (Surr)	76		28 - 150

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-729843/1-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/08/25 10:44	11/11/25 10:22	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	34		10 - 140	11/08/25 10:44	11/11/25 10:22	1

Lab Sample ID: LCS 400-729843/2-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729843

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	18.16		ug/L		114	30 - 150		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	28		10 - 140

Lab Sample ID: LCSD 400-729843/3-A
Matrix: Water
Analysis Batch: 730076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 729843

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	18.18		ug/L		114	30 - 150	0	40

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	30		10 - 140

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-93609/1-A
Matrix: Water
Analysis Batch: 94977

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 93609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/07/25 10:38	11/12/25 23:14	1
Arsenic	ND		5.00	1.32	ug/L		11/07/25 10:38	11/12/25 23:14	1
Barium	ND		10.0	0.410	ug/L		11/07/25 10:38	11/12/25 23:14	1
Beryllium	ND		1.00	0.147	ug/L		11/07/25 10:38	11/12/25 23:14	1
Cadmium	ND		0.700	0.237	ug/L		11/07/25 10:38	11/12/25 23:14	1
Chromium	ND		5.00	3.69	ug/L		11/07/25 10:38	11/12/25 23:14	1
Cobalt	ND		5.00	0.411	ug/L		11/07/25 10:38	11/12/25 23:14	1
Copper	ND		2.00	0.642	ug/L		11/07/25 10:38	11/12/25 23:14	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-93609/1-A
Matrix: Water
Analysis Batch: 94977

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 93609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.00	0.864	ug/L		11/07/25 10:38	11/12/25 23:14	1
Manganese	ND		5.00	1.29	ug/L		11/07/25 10:38	11/12/25 23:14	1
Nickel	ND		5.00	0.422	ug/L		11/07/25 10:38	11/12/25 23:14	1
Selenium	ND		5.00	2.29	ug/L		11/07/25 10:38	11/12/25 23:14	1
Silver	ND		1.00	0.167	ug/L		11/07/25 10:38	11/12/25 23:14	1
Thallium	ND		1.00	0.190	ug/L		11/07/25 10:38	11/12/25 23:14	1
Vanadium	ND		5.00	1.22	ug/L		11/07/25 10:38	11/12/25 23:14	1
Zinc	ND		10.0	8.91	ug/L		11/07/25 10:38	11/12/25 23:14	1

Lab Sample ID: LCS 705-93609/2-A
Matrix: Water
Analysis Batch: 94977

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 93609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	109.6		ug/L		110	80 - 120
Arsenic	100	103.7		ug/L		104	80 - 120
Barium	100	109.0		ug/L		109	80 - 120
Beryllium	100	116.0	^+	ug/L		116	80 - 120
Cadmium	100	100.8		ug/L		101	80 - 120
Chromium	100	105.8		ug/L		106	80 - 120
Cobalt	100	109.4		ug/L		109	80 - 120
Copper	100	107.3		ug/L		107	80 - 120
Lead	100	108.8		ug/L		109	80 - 120
Manganese	100	105.5		ug/L		106	80 - 120
Nickel	100	108.8		ug/L		109	80 - 120
Selenium	100	110.1		ug/L		110	80 - 120
Silver	10.0	11.06		ug/L		111	80 - 120
Thallium	100	110.8		ug/L		111	80 - 120
Vanadium	100	107.5		ug/L		108	80 - 120
Zinc	100	103.0		ug/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-94581/1-A
Matrix: Water
Analysis Batch: 94858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/12/25 12:24	11/12/25 15:42	1

Lab Sample ID: LCS 705-94581/2-A
Matrix: Water
Analysis Batch: 94858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.929		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 705-94931/1-A
Matrix: Water
Analysis Batch: 95297

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/13/25 12:47	11/13/25 18:40	1

Lab Sample ID: LCS 705-94931/2-A
Matrix: Water
Analysis Batch: 95297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.889	*+	ug/L		122	80 - 120

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887075/34
Matrix: Water
Analysis Batch: 887075

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/07/25 10:34	1

Lab Sample ID: LCS 680-887075/35
Matrix: Water
Analysis Batch: 887075

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9700		mg/L		97	90 - 110

Lab Sample ID: 752-38881-5 MS
Matrix: Water
Analysis Batch: 887075

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	0.9762		mg/L		98	90 - 110

Lab Sample ID: 752-38881-5 MSD
Matrix: Water
Analysis Batch: 887075

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	0.9303		mg/L		93	90 - 110	5	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrite

Lab Sample ID: MB 680-887049/43
Matrix: Water
Analysis Batch: 887049

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0100	mg/L			11/06/25 12:04	1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrite (Continued)

Lab Sample ID: LCS 680-887049/44
Matrix: Water
Analysis Batch: 887049

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N			0.500	0.4873		mg/L		97	90 - 110		

Lab Sample ID: 752-38881-3 MS
Matrix: Water
Analysis Batch: 887049

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	0.0219	J F1	0.500	0.4649	F1	mg/L		89	90 - 110		

Lab Sample ID: 752-38881-3 MSD
Matrix: Water
Analysis Batch: 887049

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	0.0219	J F1	0.500	0.4655	F1	mg/L		89	90 - 110	0	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887078/14
Matrix: Water
Analysis Batch: 887078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/07/25 12:49	1

Lab Sample ID: MB 680-887078/41
Matrix: Water
Analysis Batch: 887078

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/07/25 13:42	1

Lab Sample ID: LCS 680-887078/15
Matrix: Water
Analysis Batch: 887078

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	0.9310		mg/L		93	90 - 110		

Lab Sample ID: LCS 680-887078/40
Matrix: Water
Analysis Batch: 887078

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	0.9380		mg/L		94	90 - 110		

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 752-38881-7 MS
Matrix: Water
Analysis Batch: 887078

Client Sample ID: AMW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	3.98	F1	1.00	5.203	F1 E	mg/L		122	90 - 110

Lab Sample ID: 752-38881-7 MSD
Matrix: Water
Analysis Batch: 887078

Client Sample ID: AMW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	3.98	F1	1.00	5.215	F1 E	mg/L		123	90 - 110	0	10

Lab Sample ID: 752-38881-8 MS
Matrix: Water
Analysis Batch: 887078

Client Sample ID: AMW-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.0590	J F1	5.00	1.187	F1	mg/L		23	90 - 110

Lab Sample ID: 752-38881-8 MSD
Matrix: Water
Analysis Batch: 887078

Client Sample ID: AMW-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.0590	J F1	5.00	1.098	F1	mg/L		21	90 - 110	8	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-730489/12
Matrix: Water
Analysis Batch: 730489

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/13/25 14:59	1

Lab Sample ID: LCS 400-730489/13
Matrix: Water
Analysis Batch: 730489

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	16.23		mg/L		108	90 - 110

Lab Sample ID: MRL 400-730489/14
Matrix: Water
Analysis Batch: 730489

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.349	J	mg/L		87	50 - 150

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 752-38881-2 MS
Matrix: Water
Analysis Batch: 730489

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	27.8	F1	10.0	42.26	F1	mg/L		145	77 - 128		

Lab Sample ID: 752-38881-2 MSD
Matrix: Water
Analysis Batch: 730489

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	27.8	F1	10.0	41.65	F1	mg/L		138	77 - 128	1	5

GC/MS VOA

Analysis Batch: 730038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	8260D	
752-38881-2	MW-2	Total/NA	Water	8260D	
752-38881-3	MW-3	Total/NA	Water	8260D	
752-38881-4	MW-4	Total/NA	Water	8260D	
752-38881-5	MW-5	Total/NA	Water	8260D	
752-38881-6	AMW-7	Total/NA	Water	8260D	
752-38881-7	AMW-8	Total/NA	Water	8260D	
752-38881-8	AMW-9	Total/NA	Water	8260D	
752-38881-9	110425-DUP-1	Total/NA	Water	8260D	
752-38881-10	Trip Blank 1	Total/NA	Water	8260D	
752-38881-11	Trip Blank 2	Total/NA	Water	8260D	
MB 400-730038/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730038/1003	Lab Control Sample	Total/NA	Water	8260D	
752-38881-1 MS	MW-1	Total/NA	Water	8260D	
752-38881-1 MSD	MW-1	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	3510C	
752-38881-2	MW-2	Total/NA	Water	3510C	
752-38881-3	MW-3	Total/NA	Water	3510C	
752-38881-4	MW-4	Total/NA	Water	3510C	
752-38881-5	MW-5	Total/NA	Water	3510C	
752-38881-6	AMW-7	Total/NA	Water	3510C	
752-38881-7	AMW-8	Total/NA	Water	3510C	
752-38881-8	AMW-9	Total/NA	Water	3510C	
752-38881-9	110425-DUP-1	Total/NA	Water	3510C	
MB 400-729843/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729843/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729843/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 729855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	3511	
752-38881-2	MW-2	Total/NA	Water	3511	
752-38881-3	MW-3	Total/NA	Water	3511	
752-38881-4	MW-4	Total/NA	Water	3511	
752-38881-5	MW-5	Total/NA	Water	3511	
752-38881-6	AMW-7	Total/NA	Water	3511	
752-38881-7	AMW-8	Total/NA	Water	3511	
752-38881-8	AMW-9	Total/NA	Water	3511	
MB 400-729855/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729855/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-729855/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 729868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-9	110425-DUP-1	Total/NA	Water	3511	
MB 400-729868/1-A	Method Blank	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 729868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 729904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	8270E	729855
752-38881-2	MW-2	Total/NA	Water	8270E	729855
752-38881-3	MW-3	Total/NA	Water	8270E	729855
752-38881-4	MW-4	Total/NA	Water	8270E	729855
752-38881-5	MW-5	Total/NA	Water	8270E	729855
752-38881-6	AMW-7	Total/NA	Water	8270E	729855
752-38881-7	AMW-8	Total/NA	Water	8270E	729855
752-38881-8	AMW-9	Total/NA	Water	8270E	729855
MB 400-729855/1-A	Method Blank	Total/NA	Water	8270E	729855
LCS 400-729855/2-A	Lab Control Sample	Total/NA	Water	8270E	729855
LCSD 400-729855/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	729855

Analysis Batch: 730060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	8270E	729855
752-38881-9	110425-DUP-1	Total/NA	Water	8270E	729868
MB 400-729868/1-A	Method Blank	Total/NA	Water	8270E	729868
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	8270E	729868

Analysis Batch: 730076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	8270E SIM ID	729843
752-38881-2	MW-2	Total/NA	Water	8270E SIM ID	729843
752-38881-3	MW-3	Total/NA	Water	8270E SIM ID	729843
752-38881-4	MW-4	Total/NA	Water	8270E SIM ID	729843
752-38881-5	MW-5	Total/NA	Water	8270E SIM ID	729843
752-38881-6	AMW-7	Total/NA	Water	8270E SIM ID	729843
752-38881-7	AMW-8	Total/NA	Water	8270E SIM ID	729843
752-38881-8	AMW-9	Total/NA	Water	8270E SIM ID	729843
752-38881-9	110425-DUP-1	Total/NA	Water	8270E SIM ID	729843
MB 400-729843/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729843
LCS 400-729843/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729843
LCSD 400-729843/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729843

Metals

Prep Batch: 93609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total Recoverable	Water	3005A	
752-38881-2	MW-2	Total Recoverable	Water	3005A	
752-38881-3	MW-3	Total Recoverable	Water	3005A	
752-38881-4	MW-4	Total Recoverable	Water	3005A	
752-38881-5	MW-5	Total Recoverable	Water	3005A	
752-38881-6	AMW-7	Total Recoverable	Water	3005A	
752-38881-7	AMW-8	Total Recoverable	Water	3005A	
752-38881-8	AMW-9	Total Recoverable	Water	3005A	
752-38881-9	110425-DUP-1	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 93609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-93609/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-93609/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 94581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	7470A	
752-38881-2	MW-2	Total/NA	Water	7470A	
752-38881-3	MW-3	Total/NA	Water	7470A	
752-38881-4	MW-4	Total/NA	Water	7470A	
752-38881-5	MW-5	Total/NA	Water	7470A	
752-38881-6	AMW-7	Total/NA	Water	7470A	
MB 705-94581/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-94581/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 94858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	7470A	94581
752-38881-2	MW-2	Total/NA	Water	7470A	94581
752-38881-3	MW-3	Total/NA	Water	7470A	94581
752-38881-4	MW-4	Total/NA	Water	7470A	94581
752-38881-5	MW-5	Total/NA	Water	7470A	94581
752-38881-6	AMW-7	Total/NA	Water	7470A	94581
MB 705-94581/1-A	Method Blank	Total/NA	Water	7470A	94581
LCS 705-94581/2-A	Lab Control Sample	Total/NA	Water	7470A	94581

Prep Batch: 94931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-7	AMW-8	Total/NA	Water	7470A	
752-38881-8	AMW-9	Total/NA	Water	7470A	
752-38881-9	110425-DUP-1	Total/NA	Water	7470A	
MB 705-94931/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-94931/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 94977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total Recoverable	Water	6020B	93609
752-38881-2	MW-2	Total Recoverable	Water	6020B	93609
752-38881-3	MW-3	Total Recoverable	Water	6020B	93609
752-38881-4	MW-4	Total Recoverable	Water	6020B	93609
752-38881-5	MW-5	Total Recoverable	Water	6020B	93609
752-38881-6	AMW-7	Total Recoverable	Water	6020B	93609
752-38881-7	AMW-8	Total Recoverable	Water	6020B	93609
752-38881-8	AMW-9	Total Recoverable	Water	6020B	93609
752-38881-9	110425-DUP-1	Total Recoverable	Water	6020B	93609
MB 705-93609/1-A	Method Blank	Total Recoverable	Water	6020B	93609
LCS 705-93609/2-A	Lab Control Sample	Total Recoverable	Water	6020B	93609

Analysis Batch: 95297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-7	AMW-8	Total/NA	Water	7470A	94931
752-38881-8	AMW-9	Total/NA	Water	7470A	94931

Metals (Continued)

Analysis Batch: 95297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-9	110425-DUP-1	Total/NA	Water	7470A	94931
MB 705-94931/1-A	Method Blank	Total/NA	Water	7470A	94931
LCS 705-94931/2-A	Lab Control Sample	Total/NA	Water	7470A	94931

General Chemistry

Analysis Batch: 730489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-38881-2	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-38881-3	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-38881-4	MW-4	Total/NA	Water	SM 4500 SO4 E	
752-38881-5	MW-5	Total/NA	Water	SM 4500 SO4 E	
752-38881-6	AMW-7	Total/NA	Water	SM 4500 SO4 E	
752-38881-7	AMW-8	Total/NA	Water	SM 4500 SO4 E	
752-38881-8	AMW-9	Total/NA	Water	SM 4500 SO4 E	
752-38881-9	110425-DUP-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-730489/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730489/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730489/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-38881-2 MS	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-38881-2 MSD	MW-2	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-38881-2	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-38881-3	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-38881-4	MW-4	Total/NA	Water	353.2-1993 R2.0	
752-38881-5	MW-5	Total/NA	Water	353.2-1993 R2.0	
752-38881-6	AMW-7	Total/NA	Water	353.2-1993 R2.0	
752-38881-7	AMW-8	Total/NA	Water	353.2-1993 R2.0	
752-38881-8	AMW-9	Total/NA	Water	353.2-1993 R2.0	
752-38881-9	110425-DUP-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887049/43	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887049/44	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-38881-3 MS	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-38881-3 MSD	MW-3	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-38881-2	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-38881-3	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-38881-4	MW-4	Total/NA	Water	350.1-1993 R2.0	
752-38881-5	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-38881-6	AMW-7	Total/NA	Water	350.1-1993 R2.0	
752-38881-7	AMW-8	Total/NA	Water	350.1-1993 R2.0	
752-38881-8	AMW-9	Total/NA	Water	350.1-1993 R2.0	
752-38881-9	110425-DUP-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887075/34	Method Blank	Total/NA	Water	350.1-1993 R2.0	

General Chemistry (Continued)

Analysis Batch: 887075 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-887075/35	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-38881-5 MS	MW-5	Total/NA	Water	350.1-1993 R2.0	
752-38881-5 MSD	MW-5	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-38881-2	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-38881-3	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-38881-4	MW-4	Total/NA	Water	353.2-1993 R2.0	
752-38881-5	MW-5	Total/NA	Water	353.2-1993 R2.0	
752-38881-6	AMW-7	Total/NA	Water	353.2-1993 R2.0	
752-38881-7	AMW-8	Total/NA	Water	353.2-1993 R2.0	
752-38881-8	AMW-9	Total/NA	Water	353.2-1993 R2.0	
752-38881-9	110425-DUP-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887078/14	Method Blank	Total/NA	Water	353.2-1993 R2.0	
MB 680-887078/41	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887078/15	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887078/40	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-38881-7 MS	AMW-8	Total/NA	Water	353.2-1993 R2.0	
752-38881-7 MSD	AMW-8	Total/NA	Water	353.2-1993 R2.0	
752-38881-8 MS	AMW-9	Total/NA	Water	353.2-1993 R2.0	
752-38881-8 MSD	AMW-9	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38881-1	MW-1	Total/NA	Water	Nitrate by calc	
752-38881-2	MW-2	Total/NA	Water	Nitrate by calc	
752-38881-3	MW-3	Total/NA	Water	Nitrate by calc	
752-38881-4	MW-4	Total/NA	Water	Nitrate by calc	
752-38881-5	MW-5	Total/NA	Water	Nitrate by calc	
752-38881-6	AMW-7	Total/NA	Water	Nitrate by calc	
752-38881-7	AMW-8	Total/NA	Water	Nitrate by calc	
752-38881-8	AMW-9	Total/NA	Water	Nitrate by calc	
752-38881-9	110425-DUP-1	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-1

Lab Sample ID: 752-38881-1

Date Collected: 11/04/25 15:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 11:36
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 19:40
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		5	730060	JAW	EET PEN	11/11/25 12:23
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 12:08
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:02
Total/NA	Prep	7470A			94581	GR	EET ATL	11/12/25 12:24
Total/NA	Analysis	7470A		1	94858	GR	EET ATL	11/12/25 17:11
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:14
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:13
Total/NA	Analysis	353.2-1993 R2.0		5	887078	NVF	EET SAV	11/07/25 13:34
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		1	730489	CJK	EET PEN	11/13/25 15:07

Client Sample ID: MW-2

Lab Sample ID: 752-38881-2

Date Collected: 11/04/25 14:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 13:16
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 20:12
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 12:29
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:04
Total/NA	Prep	7470A			94581	GR	EET ATL	11/12/25 12:24
Total/NA	Analysis	7470A		1	94858	GR	EET ATL	11/12/25 17:15
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:17
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:15
Total/NA	Analysis	353.2-1993 R2.0		2	887078	NVF	EET SAV	11/07/25 13:36
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		1	730489	CJK	EET PEN	11/13/25 15:08

Client Sample ID: MW-3

Lab Sample ID: 752-38881-3

Date Collected: 11/04/25 16:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 13:41

Lab Chronicle

Client: S&ME Inc
Job ID: 752-38881-1
Project/Site: Lyon Park

Client Sample ID: MW-3
Lab Sample ID: 752-38881-3
Date Collected: 11/04/25 16:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 20:44
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 12:51
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:07
Total/NA	Prep	7470A			94581	GR	EET ATL	11/12/25 12:24
Total/NA	Analysis	7470A		1	94858	GR	EET ATL	11/12/25 17:30
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:20
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:06
Total/NA	Analysis	353.2-1993 R2.0		5	887078	NVF	EET SAV	11/07/25 15:14
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		1	730489	CJK	EET PEN	11/13/25 15:10

Client Sample ID: MW-4
Lab Sample ID: 752-38881-4
Date Collected: 11/04/25 11:25
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 14:06
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 21:16
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 13:12
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:10
Total/NA	Prep	7470A			94581	GR	EET ATL	11/12/25 12:24
Total/NA	Analysis	7470A		1	94858	GR	EET ATL	11/12/25 17:34
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:22
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:09
Total/NA	Analysis	353.2-1993 R2.0		1	887078	NVF	EET SAV	11/07/25 13:47
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		2	730489	CJK	EET PEN	11/13/25 15:47

Client Sample ID: MW-5
Lab Sample ID: 752-38881-5
Date Collected: 11/04/25 10:30
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 14:31
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 21:47
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 13:33

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: MW-5

Lab Sample ID: 752-38881-5

Date Collected: 11/04/25 10:30

Matrix: Water

Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:12
Total/NA	Prep	7470A			94581	GR	EET ATL	11/12/25 12:24
Total/NA	Analysis	7470A		1	94858	GR	EET ATL	11/12/25 17:38
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:30
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:14
Total/NA	Analysis	353.2-1993 R2.0		1	887078	NVF	EET SAV	11/07/25 13:49
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		1	730489	CJK	EET PEN	11/13/25 15:11

Client Sample ID: AMW-7

Lab Sample ID: 752-38881-6

Date Collected: 11/04/25 15:50

Matrix: Water

Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 14:56
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 22:19
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 13:54
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:15
Total/NA	Prep	7470A			94581	GR	EET ATL	11/12/25 12:24
Total/NA	Analysis	7470A		1	94858	GR	EET ATL	11/12/25 17:42
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:49
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:11
Total/NA	Analysis	353.2-1993 R2.0		1	887078	NVF	EET SAV	11/07/25 13:51
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		20	730489	CJK	EET PEN	11/13/25 16:02

Client Sample ID: AMW-8

Lab Sample ID: 752-38881-7

Date Collected: 11/04/25 14:00

Matrix: Water

Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 15:21
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 22:51
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 14:16
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:17
Total/NA	Prep	7470A			94931	GR	EET ATL	11/13/25 12:47
Total/NA	Analysis	7470A		1	95297	GR	EET ATL	11/13/25 19:31

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: AMW-8

Date Collected: 11/04/25 14:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:52
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:12
Total/NA	Analysis	353.2-1993 R2.0		2	887078	NVF	EET SAV	11/07/25 13:53
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		5	730489	CJK	EET PEN	11/13/25 15:48

Client Sample ID: AMW-9

Date Collected: 11/04/25 12:40
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 15:46
Total/NA	Prep	3511			729855	RAW	EET PEN	11/08/25 13:40
Total/NA	Analysis	8270E		1	729904	KJA	EET PEN	11/10/25 23:23
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 14:37
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:20
Total/NA	Prep	7470A			94931	GR	EET ATL	11/13/25 12:47
Total/NA	Analysis	7470A		1	95297	GR	EET ATL	11/13/25 19:35
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:54
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:10
Total/NA	Analysis	353.2-1993 R2.0		1	887078	NVF	EET SAV	11/07/25 13:58
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		2	730489	CJK	EET PEN	11/13/25 15:48

Client Sample ID: 110425-DUP-1

Date Collected: 11/04/25 00:00
Date Received: 11/05/25 12:30

Lab Sample ID: 752-38881-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 16:11
Total/NA	Prep	3511			729868	JPH	EET PEN	11/09/25 14:00
Total/NA	Analysis	8270E		1	730060	JAW	EET PEN	11/11/25 15:38
Total/NA	Prep	3510C			729843	AMM	EET PEN	11/08/25 10:44
Total/NA	Analysis	8270E SIM ID		1	730076	KJA	EET PEN	11/11/25 14:58
Total Recoverable	Prep	3005A			93609	SA	EET ATL	11/07/25 10:38
Total Recoverable	Analysis	6020B		1	94977	IF	EET ATL	11/13/25 00:44
Total/NA	Prep	7470A			94931	GR	EET ATL	11/13/25 12:47
Total/NA	Analysis	7470A		1	95297	GR	EET ATL	11/13/25 19:39
Total/NA	Analysis	350.1-1993 R2.0		1	887075	DJ	EET SAV	11/07/25 11:57
Total/NA	Analysis	353.2-1993 R2.0		1	887049	NVF	EET SAV	11/06/25 12:09
Total/NA	Analysis	353.2-1993 R2.0		1	887078	NVF	EET SAV	11/07/25 14:04

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Client Sample ID: 110425-DUP-1

Lab Sample ID: 752-38881-9

Date Collected: 11/04/25 00:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	887081	NVF	EET SAV	11/07/25 17:24
Total/NA	Analysis	SM 4500 SO4 E		1	730489	CJK	EET PEN	11/13/25 15:13

Client Sample ID: Trip Blank 1

Lab Sample ID: 752-38881-10

Date Collected: 11/04/25 00:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 16:36

Client Sample ID: Trip Blank 2

Lab Sample ID: 752-38881-11

Date Collected: 11/04/25 00:00
Matrix: Water
Date Received: 11/05/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730038	RSG	EET PEN	11/11/25 17:01

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38881-1
Project/Site: Lyon Park

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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 ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38881-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38881-1	MW-1	Water	11/04/25 15:00	11/05/25 12:30	North Carolina
752-38881-2	MW-2	Water	11/04/25 14:00	11/05/25 12:30	North Carolina
752-38881-3	MW-3	Water	11/04/25 16:00	11/05/25 12:30	North Carolina
752-38881-4	MW-4	Water	11/04/25 11:25	11/05/25 12:30	North Carolina
752-38881-5	MW-5	Water	11/04/25 10:30	11/05/25 12:30	North Carolina
752-38881-6	AMW-7	Water	11/04/25 15:50	11/05/25 12:30	North Carolina
752-38881-7	AMW-8	Water	11/04/25 14:00	11/05/25 12:30	North Carolina
752-38881-8	AMW-9	Water	11/04/25 12:40	11/05/25 12:30	North Carolina
752-38881-9	110425-DUP-1	Water	11/04/25 00:00	11/05/25 12:30	North Carolina
752-38881-10	Trip Blank 1	Water	11/04/25 00:00	11/05/25 12:30	North Carolina
752-38881-11	Trip Blank 2	Water	11/04/25 00:00	11/05/25 12:30	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: 580 337-7899	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-38881 COC

Other:

NCDEQ EDWIS EDDs

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, O=waste/oil, BTeTissue, AwAir, DW=Drinking Water)	Field Filtered Sample (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	S	A	D	N	N		
MW-1	11/4/25	1500	G	W		X	X	X	X	X	X	X		
MW-2		1400	G	W		X	X	X	X	X	X	X		
MW-3		1600	G	W		X	X	X	X	X	X	X		
MW-4		1125	G	W		X	X	X	X	X	X	X		
MW-5		1030	G	W		X	X	X	X	X	X	X		
AMW-7		1550	G	W		X	X	X	X	X	X	X		
AMW-8		1400	G	W		X	X	X	X	X	X	X		
AMW-9		1240	G	W		X	X	X	X	X	X	X		
110425-DUP-1		—	G	W		X	X	X	X	X	X	X		
TRIP BLANK 1														
TRIP BLANK 2														

Initial Temperature: 3.2, 2.7 °C
Correction Factor: -0.2°C
Corrected Temperature: 3.0, 2.5 °C
Temp IR Gun: CRY-T-132
Initials: (RY) BR PG DW DO HH

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
Chase Porter	11/4/25 1615		Machelle	11/5/25 1230	
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:

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone. 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7160 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38881-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/13/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DS/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
MW-1 (752-38881-1)	11/4/25	15 00 Eastern	G	Water			X	X	X	X	10	
MW-2 (752-38881-2)	11/4/25	14.00 Eastern	G	Water			X	X	X	X	10	
MW-3 (752-38881-3)	11/4/25	16 00 Eastern	G	Water			X	X	X	X	10	
MW-4 (752-38881-4)	11/4/25	11 25 Eastern	G	Water			X	X	X	X	10	
MW-5 (752-38881-5)	11/4/25	10 30 Eastern	G	Water			X	X	X	X	10	
AMW-7 (752-38881-6)	11/4/25	15 50 Eastern	G	Water			X	X	X	X	10	
AMW-8 (752-38881-7)	11/4/25	14.00 Eastern	G	Water			X	X	X	X	10	
AMW-9 (752-38881-8)	11/4/25	12.40 Eastern	G	Water			X	X	X	X	10	
110425-DUP-1 (752-38881-9)	11/4/25	Eastern	G	Water			X	X	X	X	10	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	11/5/25 1550			11/06/25 0956	
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:
		2.4°C/IR11

Ver: 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7160.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus com	State of Origin: North Carolina	Page: Page 2 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38881-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/13/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DS/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
Tnp Blank 1 (752-38881-10)	11/4/25	Eastern	G	Water			X				2	
Trip Blank 2 (752-38881-11)	11/4/25	Eastern	G	Water			X				2	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	11/5/25 1550			11/6/25 0956	Eurofins
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.
		2.4°C IR11

Ver: 10/10/2024

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104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7162.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38881-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/13/2025	Analysis Requested		Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
Preservation Code:											
MW-1 (752-38881-1)	11/4/25	15:00 Eastern	G	Water			X	X	X	2	
MW-2 (752-38881-2)	11/4/25	14:00 Eastern	G	Water			X	X	X	2	
MW-3 (752-38881-3)	11/4/25	16:00 Eastern	G	Water			X	X	X	2	
MW-4 (752-38881-4)	11/4/25	11:25 Eastern	G	Water			X	X	X	2	
MW-5 (752-38881-5)	11/4/25	10:30 Eastern	G	Water			X	X	X	2	
AMW-7 (752-38881-6)	11/4/25	15:50 Eastern	G	Water			X	X	X	2	
AMW-8 (752-38881-7)	11/4/25	14:00 Eastern	G	Water			X	X	X	2	
AMW-9 (752-38881-8)	11/4/25	12:40 Eastern	G	Water			X	X	X	2	
110425-DUP-1 (752-38881-9)	11/4/25	Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
~~Rachel Yonish~~	11/5/25 1555			11/6/25 1015	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9/2.0

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7162.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38881-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/13/2025			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
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)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-1 (752-38881-1)	11/4/25	15:00 Eastern	G	Water			X	X	X	2	
MW-2 (752-38881-2)	11/4/25	14:00 Eastern	G	Water			X	X	X	2	
MW-3 (752-38881-3)	11/4/25	16:00 Eastern	G	Water			X	X	X	2	
MW-4 (752-38881-4)	11/4/25	11:25 Eastern	G	Water			X	X	X	2	
MW-5 (752-38881-5)	11/4/25	10:30 Eastern	G	Water			X	X	X	2	
AMW-7 (752-38881-6)	11/4/25	15:50 Eastern	G	Water			X	X	X	2	
AMW-8 (752-38881-7)	11/4/25	14:00 Eastern	G	Water			X	X	X	2	
AMW-9 (752-38881-8)	11/4/25	12:40 Eastern	G	Water			X	X	X	2	
110425-DUP-1 (752-38881-9)	11/4/25	Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	11/5/25 1555			11/6/25 1015	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.1 / 4.2

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7171.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38881-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 11/13/2025			
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-
Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	353.2_Nitrite	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
MW-1 (752-38881-1)	11/4/25	15:00 Eastern	G	Water			X	X	X	X	2	
MW-2 (752-38881-2)	11/4/25	14:00 Eastern	G	Water			X	X	X	X	2	
MW-3 (752-38881-3)	11/4/25	16:00 Eastern	G	Water			X	X	X	X	2	
MW-4 (752-38881-4)	11/4/25	11:25 Eastern	G	Water			X	X	X	X	2	
MW-5 (752-38881-5)	11/4/25	10:30 Eastern	G	Water			X	X	X	X	2	
AMW-7 (752-38881-6)	11/4/25	15:50 Eastern	G	Water			X	X	X	X	2	
AMW-8 (752-38881-7)	11/4/25	14:00 Eastern	G	Water			X	X	X	X	2	
AMW-9 (752-38881-8)	11/4/25	12:40 Eastern	G	Water			X	X	X	X	2	
110425-DUP-1 (752-38881-9)	11/4/25	Eastern	G	Water			X	X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	11/5/25 1630			11/6/25 1015	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.1/4.2

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7156.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38881-1
Address: 3080 Presidential Dr,	Due Date Requested: 11/13/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-1 (752-38881-1)	11/4/25	15:00 Eastern	G	Water			X	X	1	
MW-2 (752-38881-2)	11/4/25	14:00 Eastern	G	Water			X	X	1	
MW-3 (752-38881-3)	11/4/25	16:00 Eastern	G	Water			X	X	1	
MW-4 (752-38881-4)	11/4/25	11:25 Eastern	G	Water			X	X	1	
MW-5 (752-38881-5)	11/4/25	10:30 Eastern	G	Water			X	X	1	
AMW-7 (752-38881-6)	11/4/25	15:50 Eastern	G	Water			X	X	1	
AMW-8 (752-38881-7)	11/4/25	14:00 Eastern	G	Water			X	X	1	
AMW-9 (752-38881-8)	11/4/25	12:40 Eastern	G	Water			X	X	1	
110425-DUP-1 (752-38881-9)	11/4/25	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
Rachel Yonish	11/5/25 1600		Taylor	11/6/25 955	
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: .9 IR 2665

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38881-1

Login Number: 38881

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

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.	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.	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: S&ME Inc

Job Number: 752-38881-1

Login Number: 38881
List Number: 2
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 11/06/25 10:49 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does 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 present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38881-1

Login Number: 38881
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 11/07/25 12:46 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.	True	
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	2.4, 3.0°C IR11
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38881-1

Login Number: 38881
List Number: 3
Creator: Faught, Timothy

List Source: Eurofins Savannah
List Creation: 11/06/25 11:35 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.	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616

Generated 12/3/2025 12:29:29 PM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-38990-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-38990-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
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.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-38990-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/7/2025 4:45 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 3.6°C.

Receipt Exceptions
The Chain-of-Custody listed the samples as water samples; however, the samples were sediments.

GC/MS VOA
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_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LCS 400-731122/4-A). These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-731122 and analytical batch 400-731098 recovered outside control limits for the following analytes: 2-Chloronaphthalene, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2-Nitroaniline, 4-Nitroaniline, Nitrobenzene and Hexachlorobenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: SED-1 (752-38990-1), (752-38990-C-1-A MS), (752-38990-C-1-B MSD), SED-2 (752-38990-2), SED-3 (752-38990-3), SED-4 (752-38990-4) and SED-Dup (752-38990-5). 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.

HPLC/IC
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.

General Chemistry
Method 7199: The following samples were diluted due to the nature of the sample matrix: (752-38990-D-1-B MS) and (752-38990-D-1-C MSD). 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.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-1 — Lab Sample ID: 752-38990-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0318		0.0282	0.0135	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00585		0.00563	0.00285	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0477	J	0.434	0.00184	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0764	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0462	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0669	J	0.434	0.0434	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	2.70	J	3.28	0.952	mg/Kg	1	☼	9056A	Soluble
Sulfate	44.1		13.1	12.9	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.845	J B	1.38	0.241	mg/Kg	5	☼	6020B	Total/NA
Barium	21.2		2.75	0.227	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.50		1.38	0.653	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.34		1.38	0.110	mg/Kg	5	☼	6020B	Total/NA
Copper	8.41		1.38	0.419	mg/Kg	5	☼	6020B	Total/NA
Lead	16.3		1.38	0.110	mg/Kg	5	☼	6020B	Total/NA
Manganese	80.1		6.88	4.44	mg/Kg	5	☼	6020B	Total/NA
Nickel	6.98		1.38	0.516	mg/Kg	5	☼	6020B	Total/NA
Vanadium	6.49		1.38	0.426	mg/Kg	5	☼	6020B	Total/NA
Zinc	55.5		13.8	10.6	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-2 — Lab Sample ID: 752-38990-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0354		0.0255	0.0123	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0102		0.00510	0.00258	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00121	J	0.00510	0.00102	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	0.0582	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.107	J	0.418	0.00177	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0569	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.105	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0703	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.119	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0552	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0980	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.59	J	3.15	0.915	mg/Kg	1	☼	9056A	Soluble
Sulfate	14.2		12.6	12.4	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.15	J B	1.20	0.210	mg/Kg	5	☼	6020B	Total/NA
Barium	25.0		2.40	0.198	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.282	J	1.20	0.138	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.23		1.20	0.570	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.56		1.20	0.0961	mg/Kg	5	☼	6020B	Total/NA
Copper	6.35		1.20	0.366	mg/Kg	5	☼	6020B	Total/NA
Lead	17.8		1.20	0.0961	mg/Kg	5	☼	6020B	Total/NA
Manganese	101		6.00	3.88	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.72		1.20	0.450	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.660	J	2.40	0.198	mg/Kg	5	☼	6020B	Total/NA
Vanadium	5.32		1.20	0.372	mg/Kg	5	☼	6020B	Total/NA
Zinc	84.8		12.0	9.25	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.137	J	1.23	0.123	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-3 — Lab Sample ID: 752-38990-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0183	J	0.0280	0.0134	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0663	J	0.437	0.0437	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0644	J	0.437	0.0437	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0894	J	0.437	0.00186	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0457	J	0.437	0.0437	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0675	J	0.437	0.0437	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.120	J	0.437	0.0437	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0960	J	0.437	0.0437	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	4.84		3.35	0.971	mg/Kg	1	☼	9056A	Soluble
Sulfate	23.1		13.4	13.1	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.06	J B	1.36	0.238	mg/Kg	5	☼	6020B	Total/NA
Barium	29.0		2.72	0.224	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.215	J	1.36	0.156	mg/Kg	5	☼	6020B	Total/NA
Chromium	10.3		1.36	0.646	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.52		1.36	0.109	mg/Kg	5	☼	6020B	Total/NA
Copper	14.2		1.36	0.415	mg/Kg	5	☼	6020B	Total/NA
Lead	34.6		1.36	0.109	mg/Kg	5	☼	6020B	Total/NA
Manganese	110		6.80	4.39	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.7		1.36	0.510	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.299	J	2.72	0.224	mg/Kg	5	☼	6020B	Total/NA
Vanadium	10.9		1.36	0.422	mg/Kg	5	☼	6020B	Total/NA
Zinc	83.4		13.6	10.5	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: SED-4 — Lab Sample ID: 752-38990-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0180	J	0.0270	0.0129	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.00105	J	0.00539	0.000723	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00134	J	0.00539	0.00108	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0801	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.218	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.235	J	0.425	0.00180	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.231	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0720	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0436	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0857	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0425	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.173	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.227	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.112	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.131	J	0.425	0.0425	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	5.36		3.27	0.949	mg/Kg	1	☼	9056A	Soluble
Sulfate	24.2		13.1	12.8	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.857	J B	1.30	0.227	mg/Kg	5	☼	6020B	Total/NA
Barium	20.6		2.60	0.214	mg/Kg	5	☼	6020B	Total/NA
Chromium	6.44		1.30	0.617	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.39		1.30	0.104	mg/Kg	5	☼	6020B	Total/NA
Copper	13.4		1.30	0.396	mg/Kg	5	☼	6020B	Total/NA
Lead	225		1.30	0.104	mg/Kg	5	☼	6020B	Total/NA
Manganese	80.1		6.50	4.20	mg/Kg	5	☼	6020B	Total/NA
Nickel	6.39		1.30	0.487	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: SED-4 (Continued)

Lab Sample ID: 752-38990-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	8.13		1.30	0.403	mg/Kg	5	☼	6020B	Total/NA
Zinc	49.8		13.0	10.0	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.127	J	1.24	0.124	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SED-Dup

Lab Sample ID: 752-38990-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0374		0.0283	0.0136	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00133	J	0.00566	0.00113	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.0494	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.337	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.302	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.528		0.400	0.00170	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.165	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.176	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0682	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.308	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0424	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.490		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.182	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.104	J	0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.464		0.400	0.0400	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	4.38		3.09	0.895	mg/Kg	1	☼	9056A	Soluble
Sulfate	19.3		12.3	12.1	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.832	J B	1.19	0.208	mg/Kg	5	☼	6020B	Total/NA
Barium	37.7		2.38	0.196	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.182	J	1.19	0.137	mg/Kg	5	☼	6020B	Total/NA
Chromium	12.1		1.19	0.564	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.95		1.19	0.0950	mg/Kg	5	☼	6020B	Total/NA
Copper	14.0		1.19	0.362	mg/Kg	5	☼	6020B	Total/NA
Lead	33.3		1.19	0.0950	mg/Kg	5	☼	6020B	Total/NA
Manganese	86.8		5.94	3.84	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.54		1.19	0.445	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.349	J	2.38	0.196	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.03		1.19	0.368	mg/Kg	5	☼	6020B	Total/NA
Zinc	49.7		11.9	9.15	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.223	J	1.17	0.117	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-1
Date Collected: 11/06/25 09:50
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-1
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0318**		0.0282	0.0135	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Benzene	ND		0.00563	0.000755	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Bromobenzene	ND		0.00563	0.00146	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Chlorobromomethane	ND		0.00563	0.000913	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Dichlorobromomethane	ND		0.00563	0.00104	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Bromoform	ND		0.00563	0.00146	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Bromomethane	ND		0.00563	0.00282	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
2-Butanone (MEK)	ND		0.0282	0.00676	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
n-Butylbenzene	ND		0.00563	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
sec-Butylbenzene	ND		0.00563	0.00107	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
tert-Butylbenzene	ND		0.00563	0.00124	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Carbon disulfide	**0.00585**		0.00563	0.00285	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Carbon tetrachloride	ND		0.00563	0.00192	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Chlorobenzene	ND		0.00563	0.00149	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Chloroethane	ND		0.00563	0.00372	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Chloroform	ND		0.00563	0.00153	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Chloromethane	ND		0.00563	0.00249	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
2-Chlorotoluene	ND		0.00563	0.00187	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
4-Chlorotoluene	ND		0.00563	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Chlorodibromomethane	ND		0.00563	0.00135	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2-Dibromo-3-Chloropropane	ND		0.00563	0.00372	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Ethylene Dibromide	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Dibromomethane	ND		0.00563	0.000935	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2-Dichlorobenzene	ND		0.00563	0.00179	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,3-Dichlorobenzene	ND		0.00563	0.00107	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,4-Dichlorobenzene	ND		0.00563	0.000969	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
trans-1,4-Dichloro-2-butene	ND		0.00563	0.00282	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1-Dichloroethane	ND		0.00563	0.000935	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2-Dichloroethane	ND		0.00563	0.00207	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
cis-1,2-Dichloroethene	ND		0.00563	0.000856	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
trans-1,2-Dichloroethene	ND		0.00563	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1-Dichloroethene	ND		0.00563	0.00237	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2-Dichloropropane	ND		0.00563	0.000856	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,3-Dichloropropane	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
2,2-Dichloropropane	ND		0.00563	0.00124	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1-Dichloropropene	ND		0.00563	0.000935	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
cis-1,3-Dichloropropene	ND		0.00563	0.00135	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
trans-1,3-Dichloropropene	ND		0.00563	0.00124	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Ethylbenzene	ND		0.00563	0.000687	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Hexachlorobutadiene	ND		0.00563	0.00282	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
2-Hexanone	ND		0.0282	0.00563	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Iodomethane	ND		0.00563	0.00383	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Isopropylbenzene	ND		0.00563	0.000766	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
4-Isopropyltoluene	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Methylene Chloride	ND		0.0169	0.0113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
4-Methyl-2-pentanone (MIBK)	ND		0.0282	0.0151	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Methyl tert-butyl ether	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Naphthalene	ND		0.00563	0.00338	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
N-Propylbenzene	ND		0.00563	0.00101	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1

Client Sample ID: SED-1
Date Collected: 11/06/25 09:50
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-1
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1,1,2-Tetrachloroethane	ND		0.00563	0.00124	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1,2,2-Tetrachloroethane	ND		0.00563	0.00194	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Tetrachloroethene	ND		0.00563	0.00338	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Toluene	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2,3-Trichlorobenzene	ND		0.00563	0.00124	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2,4-Trichlorobenzene	ND		0.00563	0.00226	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1,1-Trichloroethane	ND		0.00563	0.00124	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1,2-Trichloroethane	ND		0.00563	0.00181	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Trichloroethene	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Trichlorofluoromethane	ND		0.00563	0.00273	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2,3-Trichloropropane	ND		0.00563	0.00234	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00563	0.00212	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,2,4-Trimethylbenzene	ND		0.00563	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
1,3,5-Trimethylbenzene	ND		0.00563	0.000935	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Vinyl acetate	ND		0.0282	0.00719	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Vinyl chloride	ND		0.00563	0.00246	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
o-Xylene	ND		0.00563	0.00338	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
m-Xylene & p-Xylene	ND		0.00563	0.00338	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Xylenes, Total	ND		0.0113	0.00676	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Isopropyl ether	ND		0.00563	0.00155	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Hexane	ND		0.00563	0.00293	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
n-Heptane	ND		0.00563	0.00326	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1
Ethyl acetate	ND		0.0225	0.00563	mg/Kg	☼	11/18/25 10:25	11/18/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/18/25 10:25*	*11/18/25 18:40*	*1*
Dibromofluoromethane	*100*		*50 - 150*	*11/18/25 10:25*	*11/18/25 18:40*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/18/25 10:25*	*11/18/25 18:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*50 - 150*	*11/18/25 10:25*	*11/18/25 18:40*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00786	0.00786	mg/Kg	☼	11/19/25 10:47	11/20/25 13:17	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*48*		*10 - 150*	*11/19/25 10:47*	*11/20/25 13:17*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.434	0.0126	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,4,5-Trichlorophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,4,6-Trichlorophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,4-Dichlorophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,4-Dimethylphenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,4-Dinitrophenol	ND		1.30	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,4-Dinitrotoluene	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2,6-Dinitrotoluene	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2-Chloronaphthalene	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2-Chlorophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2-Methylnaphthalene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-1
Date Collected: 11/06/25 09:50
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-1
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2-Nitroaniline	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
2-Nitrophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
3 & 4 Methylphenol	ND		0.868	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
3,3'-Dichlorobenzidine	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
3-Nitroaniline	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4,6-Dinitro-2-methylphenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4-Bromophenyl phenyl ether	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4-Chloro-3-methylphenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4-Chloroaniline	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4-Chlorophenyl phenyl ether	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4-Nitroaniline	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
4-Nitrophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Acenaphthene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Acenaphthylene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Acetophenone	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Anthracene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Atrazine	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Benzaldehyde	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Benzo[a]anthracene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Benzo[a]pyrene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Benzo[b]fluoranthene	**0.0477**	**J**	0.434	0.00184	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Benzo[g,h,i]perylene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Benzo[k]fluoranthene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
bis (2-chloroisopropyl) ether	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Bis(2-chloroethoxy)methane	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Bis(2-chloroethyl)ether	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Bis(2-ethylhexyl) phthalate	ND		0.434	0.131	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Butyl benzyl phthalate	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Caprolactam	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Carbazole	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Chrysene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Dibenz(a,h)anthracene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Dibenzofuran	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Diethyl phthalate	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Dimethyl phthalate	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Di-n-butyl phthalate	ND		1.30	0.394	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Di-n-octyl phthalate	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Fluoranthene	**0.0764**	**J**	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Fluorene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Hexachlorobenzene	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Hexachlorobutadiene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Hexachlorocyclopentadiene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Hexachloroethane	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Indeno[1,2,3-cd]pyrene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Isophorone	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Naphthalene	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Nitrobenzene	ND	*+	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
N-Nitrosodi-n-propylamine	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1

Client Sample ID: SED-1
Date Collected: 11/06/25 09:50
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-1
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Pentachlorophenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Phenanthrene	**0.0462**	**J**	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Phenol	ND		0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1
Pyrene	**0.0669**	**J**	0.434	0.0434	mg/Kg	☼	11/19/25 11:24	11/19/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*40 - 140*	*11/19/25 11:24*	*11/19/25 23:03*	*1*
2-Fluorobiphenyl (Surr)	*107*		*40 - 140*	*11/19/25 11:24*	*11/19/25 23:03*	*1*
2-Fluorophenol (Surr)	*119*		*40 - 140*	*11/19/25 11:24*	*11/19/25 23:03*	*1*
Nitrobenzene-d5 (Surr)	*138*		*40 - 140*	*11/19/25 11:24*	*11/19/25 23:03*	*1*
Phenol-d5 (Surr)	*113*		*40 - 140*	*11/19/25 11:24*	*11/19/25 23:03*	*1*
Terphenyl-d14 (Surr)	*131*		*40 - 140*	*11/19/25 11:24*	*11/19/25 23:03*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.70**	**J**	3.28	0.952	mg/Kg	☼		11/15/25 07:49	1
Sulfate	**44.1**		13.1	12.9	mg/Kg	☼		11/15/25 07:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.75	0.144	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Arsenic	**0.845**	**J B**	1.38	0.241	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Barium	**21.2**		2.75	0.227	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Beryllium	ND		1.38	0.158	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Cadmium	ND		1.38	0.749	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Chromium	**3.50**		1.38	0.653	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Cobalt	**2.34**		1.38	0.110	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Copper	**8.41**		1.38	0.419	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Lead	**16.3**		1.38	0.110	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Manganese	**80.1**		6.88	4.44	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Nickel	**6.98**		1.38	0.516	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Selenium	ND		2.75	0.227	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Silver	ND		0.688	0.323	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Thallium	ND		1.38	0.0550	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Vanadium	**6.49**		1.38	0.426	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5
Zinc	**55.5**		13.8	10.6	mg/Kg	☼	11/11/25 09:24	11/11/25 19:44	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0540	0.0270	mg/Kg	☼	11/12/25 08:45	11/12/25 14:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND	F1 F2	1.32	0.132	mg/Kg	☼	11/20/25 08:57	11/21/25 17:29	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.33	0.425	mg/Kg	☼		11/21/25 16:47	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-2
Date Collected: 11/06/25 09:25
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-2
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0354**		0.0255	0.0123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Benzene	ND		0.00510	0.000684	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Bromobenzene	ND		0.00510	0.00133	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Chlorobromomethane	ND		0.00510	0.000827	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Dichlorobromomethane	ND		0.00510	0.000939	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Bromoform	ND		0.00510	0.00133	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Bromomethane	ND		0.00510	0.00255	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
2-Butanone (MEK)	ND		0.0255	0.00613	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
n-Butylbenzene	ND		0.00510	0.000980	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
sec-Butylbenzene	ND		0.00510	0.000970	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
tert-Butylbenzene	ND		0.00510	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Carbon disulfide	**0.0102**		0.00510	0.00258	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Carbon tetrachloride	ND		0.00510	0.00174	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Chlorobenzene	ND		0.00510	0.00135	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Chloroethane	ND		0.00510	0.00337	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Chloroform	ND		0.00510	0.00139	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Chloromethane	ND		0.00510	0.00226	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
2-Chlorotoluene	ND		0.00510	0.00169	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
4-Chlorotoluene	ND		0.00510	0.00100	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Chlorodibromomethane	ND		0.00510	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2-Dibromo-3-Chloropropane	ND		0.00510	0.00337	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Ethylene Dibromide	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Dibromomethane	ND		0.00510	0.000847	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2-Dichlorobenzene	ND		0.00510	0.00162	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,3-Dichlorobenzene	ND		0.00510	0.000970	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,4-Dichlorobenzene	ND		0.00510	0.000878	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
trans-1,4-Dichloro-2-butene	ND		0.00510	0.00255	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1-Dichloroethane	ND		0.00510	0.000847	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2-Dichloroethane	ND		0.00510	0.00188	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
cis-1,2-Dichloroethene	ND		0.00510	0.000776	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
trans-1,2-Dichloroethene	ND		0.00510	0.000980	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1-Dichloroethene	ND		0.00510	0.00214	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2-Dichloropropane	ND		0.00510	0.000776	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,3-Dichloropropane	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
2,2-Dichloropropane	ND		0.00510	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1-Dichloropropene	ND		0.00510	0.000847	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
cis-1,3-Dichloropropene	ND		0.00510	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
trans-1,3-Dichloropropene	ND		0.00510	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Ethylbenzene	ND		0.00510	0.000623	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Hexachlorobutadiene	ND		0.00510	0.00255	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
2-Hexanone	ND		0.0255	0.00510	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Iodomethane	ND		0.00510	0.00347	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Isopropylbenzene	ND		0.00510	0.000694	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
4-Isopropyltoluene	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Methylene Chloride	ND		0.0153	0.0102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
4-Methyl-2-pentanone (MIBK)	ND		0.0255	0.0137	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Methyl tert-butyl ether	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Naphthalene	ND		0.00510	0.00306	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
N-Propylbenzene	ND		0.00510	0.000919	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1

Client Sample ID: SED-2
Date Collected: 11/06/25 09:25
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-2
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1,1,2-Tetrachloroethane	ND		0.00510	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1,2,2-Tetrachloroethane	ND		0.00510	0.00176	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Tetrachloroethene	ND		0.00510	0.00306	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Toluene	**0.00121**	**J**	0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2,3-Trichlorobenzene	ND		0.00510	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2,4-Trichlorobenzene	ND		0.00510	0.00205	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1,1-Trichloroethane	ND		0.00510	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1,2-Trichloroethane	ND		0.00510	0.00164	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Trichloroethene	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Trichlorofluoromethane	ND		0.00510	0.00247	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2,3-Trichloropropane	ND		0.00510	0.00212	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00510	0.00192	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,2,4-Trimethylbenzene	ND		0.00510	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
1,3,5-Trimethylbenzene	ND		0.00510	0.000847	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Vinyl acetate	ND		0.0255	0.00651	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Vinyl chloride	ND		0.00510	0.00223	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
o-Xylene	ND		0.00510	0.00306	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
m-Xylene & p-Xylene	ND		0.00510	0.00306	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Xylenes, Total	ND		0.0102	0.00613	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Isopropyl ether	ND		0.00510	0.00141	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Hexane	ND		0.00510	0.00265	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
n-Heptane	ND		0.00510	0.00295	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1
Ethyl acetate	ND		0.0204	0.00510	mg/Kg	☼	11/18/25 10:25	11/18/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:07*	*1*
Dibromofluoromethane	*102*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:07*	*1*
Toluene-d8 (Surr)	*102*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:07*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00754	0.00754	mg/Kg	☼	11/10/25 13:12	11/12/25 22:38	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*50*		*10 - 150*	*11/10/25 13:12*	*11/12/25 22:38*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.418	0.0122	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,4,5-Trichlorophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,4,6-Trichlorophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,4-Dichlorophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,4-Dimethylphenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,4-Dinitrophenol	ND		1.25	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,4-Dinitrotoluene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2,6-Dinitrotoluene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2-Chloronaphthalene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2-Chlorophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2-Methylnaphthalene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-2
Date Collected: 11/06/25 09:25
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-2
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2-Nitroaniline	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
2-Nitrophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
3 & 4 Methylphenol	ND		0.835	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
3,3'-Dichlorobenzidine	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
3-Nitroaniline	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4,6-Dinitro-2-methylphenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4-Bromophenyl phenyl ether	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4-Chloro-3-methylphenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4-Chloroaniline	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4-Chlorophenyl phenyl ether	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4-Nitroaniline	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
4-Nitrophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Acenaphthene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Acenaphthylene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Acetophenone	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Anthracene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Atrazine	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Benzaldehyde	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Benzo[a]anthracene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Benzo[a]pyrene	**0.0582**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Benzo[b]fluoranthene	**0.107**	**J**	0.418	0.00177	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Benzo[g,h,i]perylene	**0.0569**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Benzo[k]fluoranthene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
bis (2-chloroisopropyl) ether	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Bis(2-chloroethoxy)methane	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Bis(2-chloroethyl)ether	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Bis(2-ethylhexyl) phthalate	ND		0.418	0.127	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Butyl benzyl phthalate	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Caprolactam	**0.105**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Carbazole	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Chrysene	**0.0703**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Dibenz(a,h)anthracene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Dibenzofuran	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Diethyl phthalate	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Dimethyl phthalate	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Di-n-butyl phthalate	ND		1.25	0.380	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Di-n-octyl phthalate	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Fluoranthene	**0.119**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Fluorene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Hexachlorobenzene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Hexachlorobutadiene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Hexachlorocyclopentadiene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Hexachloroethane	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Indeno[1,2,3-cd]pyrene	**0.0552**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Isophorone	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Naphthalene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Nitrobenzene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
N-Nitrosodi-n-propylamine	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1

Client Sample ID: SED-2
Date Collected: 11/06/25 09:25
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-2
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Pentachlorophenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Phenanthrene	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Phenol	ND		0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1
Pyrene	**0.0980**	**J**	0.418	0.0418	mg/Kg	☼	11/10/25 10:21	11/11/25 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*40 - 140*	*11/10/25 10:21*	*11/11/25 22:46*	*1*
2-Fluorobiphenyl (Surr)	*101*		*40 - 140*	*11/10/25 10:21*	*11/11/25 22:46*	*1*
2-Fluorophenol (Surr)	*111*		*40 - 140*	*11/10/25 10:21*	*11/11/25 22:46*	*1*
Nitrobenzene-d5 (Surr)	*104*		*40 - 140*	*11/10/25 10:21*	*11/11/25 22:46*	*1*
Phenol-d5 (Surr)	*111*		*40 - 140*	*11/10/25 10:21*	*11/11/25 22:46*	*1*
Terphenyl-d14 (Surr)	*108*		*40 - 140*	*11/10/25 10:21*	*11/11/25 22:46*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.59**	**J**	3.15	0.915	mg/Kg	☼		11/15/25 10:08	1
Sulfate	**14.2**		12.6	12.4	mg/Kg	☼		11/15/25 10:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.40	0.126	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Arsenic	**1.15**	**J B**	1.20	0.210	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Barium	**25.0**		2.40	0.198	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Beryllium	**0.282**	**J**	1.20	0.138	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Cadmium	ND		1.20	0.655	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Chromium	**4.23**		1.20	0.570	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Cobalt	**2.56**		1.20	0.0961	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Copper	**6.35**		1.20	0.366	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Lead	**17.8**		1.20	0.0961	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Manganese	**101**		6.00	3.88	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Nickel	**5.72**		1.20	0.450	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Selenium	**0.660**	**J**	2.40	0.198	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Silver	ND		0.600	0.282	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Thallium	ND		1.20	0.0480	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Vanadium	**5.32**		1.20	0.372	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5
Zinc	**84.8**		12.0	9.25	mg/Kg	☼	11/11/25 09:24	11/11/25 19:55	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0496	0.0248	mg/Kg	☼	11/12/25 08:45	11/12/25 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.137**	**J**	1.23	0.123	mg/Kg	☼	11/11/25 10:27	11/18/25 00:03	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.17	0.376	mg/Kg	☼		11/21/25 16:37	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-3
Date Collected: 11/06/25 09:10
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-3
Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0183	J	0.0280	0.0134	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Benzene	ND		0.00560	0.000750	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Bromobenzene	ND		0.00560	0.00146	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Chlorobromomethane	ND		0.00560	0.000907	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Dichlorobromomethane	ND		0.00560	0.00103	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Bromoform	ND		0.00560	0.00146	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Bromomethane	ND		0.00560	0.00280	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
2-Butanone (MEK)	ND		0.0280	0.00672	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
n-Butylbenzene	ND		0.00560	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
sec-Butylbenzene	ND		0.00560	0.00106	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
tert-Butylbenzene	ND		0.00560	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Carbon disulfide	ND		0.00560	0.00283	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Carbon tetrachloride	ND		0.00560	0.00190	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Chlorobenzene	ND		0.00560	0.00148	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Chloroethane	ND		0.00560	0.00370	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Chloroform	ND		0.00560	0.00152	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Chloromethane	ND		0.00560	0.00248	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
2-Chlorotoluene	ND		0.00560	0.00186	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
4-Chlorotoluene	ND		0.00560	0.00110	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Chlorodibromomethane	ND		0.00560	0.00134	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2-Dibromo-3-Chloropropane	ND		0.00560	0.00370	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Ethylene Dibromide	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Dibromomethane	ND		0.00560	0.000930	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2-Dichlorobenzene	ND		0.00560	0.00178	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,3-Dichlorobenzene	ND		0.00560	0.00106	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,4-Dichlorobenzene	ND		0.00560	0.000963	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
trans-1,4-Dichloro-2-butene	ND		0.00560	0.00280	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1-Dichloroethane	ND		0.00560	0.000930	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2-Dichloroethane	ND		0.00560	0.00206	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
cis-1,2-Dichloroethene	ND		0.00560	0.000851	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
trans-1,2-Dichloroethene	ND		0.00560	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1-Dichloroethene	ND		0.00560	0.00235	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2-Dichloropropane	ND		0.00560	0.000851	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,3-Dichloropropane	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
2,2-Dichloropropane	ND		0.00560	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1-Dichloropropene	ND		0.00560	0.000930	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
cis-1,3-Dichloropropene	ND		0.00560	0.00134	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
trans-1,3-Dichloropropene	ND		0.00560	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Ethylbenzene	ND		0.00560	0.000683	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Hexachlorobutadiene	ND		0.00560	0.00280	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
2-Hexanone	ND		0.0280	0.00560	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Iodomethane	ND		0.00560	0.00381	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Isopropylbenzene	ND		0.00560	0.000762	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
4-Isopropyltoluene	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Methylene Chloride	ND		0.0168	0.0112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.0280	0.0150	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Methyl tert-butyl ether	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Naphthalene	ND		0.00560	0.00336	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
N-Propylbenzene	ND		0.00560	0.00101	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1

Client Sample ID: SED-3
Date Collected: 11/06/25 09:10
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-3
Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1,1,2-Tetrachloroethane	ND		0.00560	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1,2,2-Tetrachloroethane	ND		0.00560	0.00193	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Tetrachloroethene	ND		0.00560	0.00336	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Toluene	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2,3-Trichlorobenzene	ND		0.00560	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2,4-Trichlorobenzene	ND		0.00560	0.00225	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1,1-Trichloroethane	ND		0.00560	0.00123	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1,2-Trichloroethane	ND		0.00560	0.00180	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Trichloroethene	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Trichlorofluoromethane	ND		0.00560	0.00271	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2,3-Trichloropropane	ND		0.00560	0.00233	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00560	0.00211	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,2,4-Trimethylbenzene	ND		0.00560	0.00112	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
1,3,5-Trimethylbenzene	ND		0.00560	0.000930	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Vinyl acetate	ND		0.0280	0.00715	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Vinyl chloride	ND		0.00560	0.00244	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
o-Xylene	ND		0.00560	0.00336	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
m-Xylene & p-Xylene	ND		0.00560	0.00336	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Xylenes, Total	ND		0.0112	0.00672	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Isopropyl ether	ND		0.00560	0.00155	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Hexane	ND		0.00560	0.00291	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
n-Heptane	ND		0.00560	0.00324	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1
Ethyl acetate	ND		0.0224	0.00560	mg/Kg	☼	11/18/25 10:25	11/18/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:35*	*1*
Dibromofluoromethane	*100*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:35*	*1*
Toluene-d8 (Surr)	*102*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*50 - 150*	*11/18/25 10:25*	*11/18/25 19:35*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00321	0.00321	mg/Kg	☼	11/10/25 13:12	11/12/25 23:00	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*11/10/25 13:12*	*11/12/25 23:00*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.437	0.0127	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,4,5-Trichlorophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,4,6-Trichlorophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,4-Dichlorophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,4-Dimethylphenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,4-Dinitrophenol	ND		1.31	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,4-Dinitrotoluene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2,6-Dinitrotoluene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2-Chloronaphthalene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2-Chlorophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2-Methylnaphthalene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1

Client Sample ID: SED-3
Date Collected: 11/06/25 09:10
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-3
Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2-Nitroaniline	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
2-Nitrophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
3 & 4 Methylphenol	ND		0.875	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
3,3'-Dichlorobenzidine	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
3-Nitroaniline	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4,6-Dinitro-2-methylphenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4-Bromophenyl phenyl ether	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4-Chloro-3-methylphenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4-Chloroaniline	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4-Chlorophenyl phenyl ether	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4-Nitroaniline	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
4-Nitrophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Acenaphthene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Acenaphthylene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Acetophenone	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Anthracene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Atrazine	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Benzaldehyde	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Benzo[a]anthracene	**0.0663**	**J**	0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Benzo[a]pyrene	**0.0644**	**J**	0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Benzo[b]fluoranthene	**0.0894**	**J**	0.437	0.00186	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Benzo[g,h,i]perylene	**0.0457**	**J**	0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Benzo[k]fluoranthene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
bis (2-chloroisopropyl) ether	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Bis(2-chloroethoxy)methane	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Bis(2-chloroethyl)ether	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Bis(2-ethylhexyl) phthalate	ND		0.437	0.133	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Butyl benzyl phthalate	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Caprolactam	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Carbazole	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Chrysene	**0.0675**	**J**	0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Dibenz(a,h)anthracene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Dibenzofuran	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Diethyl phthalate	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Dimethyl phthalate	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Di-n-butyl phthalate	ND		1.31	0.398	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Di-n-octyl phthalate	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Fluoranthene	**0.120**	**J**	0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Fluorene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Hexachlorobenzene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Hexachlorobutadiene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Hexachlorocyclopentadiene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Hexachloroethane	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Indeno[1,2,3-cd]pyrene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Isophorone	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Naphthalene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Nitrobenzene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
N-Nitrosodi-n-propylamine	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1

Client Sample ID: SED-3
Date Collected: 11/06/25 09:10
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-3
Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Pentachlorophenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Phenanthrene	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Phenol	ND		0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1
Pyrene	**0.0960**	**J**	0.437	0.0437	mg/Kg	☼	11/10/25 10:21	11/11/25 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:17*	*1*
2-Fluorobiphenyl (Surr)	*95*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:17*	*1*
2-Fluorophenol (Surr)	*102*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:17*	*1*
Nitrobenzene-d5 (Surr)	*96*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:17*	*1*
Phenol-d5 (Surr)	*105*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:17*	*1*
Terphenyl-d14 (Surr)	*105*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:17*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**4.84**		3.35	0.971	mg/Kg	☼		11/15/25 08:01	1
Sulfate	**23.1**		13.4	13.1	mg/Kg	☼		11/15/25 08:01	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.72	0.143	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Arsenic	**1.06**	**J B**	1.36	0.238	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Barium	**29.0**		2.72	0.224	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Beryllium	**0.215**	**J**	1.36	0.156	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Cadmium	ND		1.36	0.741	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Chromium	**10.3**		1.36	0.646	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Cobalt	**3.52**		1.36	0.109	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Copper	**14.2**		1.36	0.415	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Lead	**34.6**		1.36	0.109	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Manganese	**110**		6.80	4.39	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Nickel	**10.7**		1.36	0.510	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Selenium	**0.299**	**J**	2.72	0.224	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Silver	ND		0.680	0.320	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Thallium	ND		1.36	0.0544	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Vanadium	**10.9**		1.36	0.422	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5
Zinc	**83.4**		13.6	10.5	mg/Kg	☼	11/11/25 09:24	11/11/25 19:58	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0538	0.0269	mg/Kg	☼	11/12/25 08:45	11/12/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.34	0.134	mg/Kg	☼	11/11/25 10:27	11/18/25 00:16	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.29	0.412	mg/Kg	☼		11/21/25 16:39	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-4
Date Collected: 11/06/25 08:05
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-4
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0180**	**J**	0.0270	0.0129	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Benzene	**0.00105**	**J**	0.00539	0.000723	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Bromobenzene	ND		0.00539	0.00140	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Chlorobromomethane	ND		0.00539	0.000874	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Dichlorobromomethane	ND		0.00539	0.000992	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Bromoform	ND		0.00539	0.00140	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Bromomethane	ND		0.00539	0.00270	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
2-Butanone (MEK)	ND		0.0270	0.00647	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
n-Butylbenzene	ND		0.00539	0.00104	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
sec-Butylbenzene	ND		0.00539	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
tert-Butylbenzene	ND		0.00539	0.00119	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Carbon disulfide	ND		0.00539	0.00273	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Carbon tetrachloride	ND		0.00539	0.00183	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Chlorobenzene	ND		0.00539	0.00142	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Chloroethane	ND		0.00539	0.00356	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Chloroform	ND		0.00539	0.00147	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Chloromethane	ND		0.00539	0.00238	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
2-Chlorotoluene	ND		0.00539	0.00179	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
4-Chlorotoluene	ND		0.00539	0.00106	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Chlorodibromomethane	ND		0.00539	0.00129	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2-Dibromo-3-Chloropropane	ND		0.00539	0.00356	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Ethylene Dibromide	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Dibromomethane	ND		0.00539	0.000895	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2-Dichlorobenzene	ND		0.00539	0.00171	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,3-Dichlorobenzene	ND		0.00539	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,4-Dichlorobenzene	ND		0.00539	0.000928	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
trans-1,4-Dichloro-2-butene	ND		0.00539	0.00270	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1-Dichloroethane	ND		0.00539	0.000895	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2-Dichloroethane	ND		0.00539	0.00198	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
cis-1,2-Dichloroethene	ND		0.00539	0.000820	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
trans-1,2-Dichloroethene	ND		0.00539	0.00104	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1-Dichloroethene	ND		0.00539	0.00226	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2-Dichloropropane	ND		0.00539	0.000820	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,3-Dichloropropane	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
2,2-Dichloropropane	ND		0.00539	0.00119	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1-Dichloropropene	ND		0.00539	0.000895	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
cis-1,3-Dichloropropene	ND		0.00539	0.00129	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
trans-1,3-Dichloropropene	ND		0.00539	0.00119	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Ethylbenzene	ND		0.00539	0.000658	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Hexachlorobutadiene	ND		0.00539	0.00270	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
2-Hexanone	ND		0.0270	0.00539	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Iodomethane	ND		0.00539	0.00367	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Isopropylbenzene	ND		0.00539	0.000733	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
4-Isopropyltoluene	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Methylene Chloride	ND		0.0162	0.0108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.0270	0.0145	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Methyl tert-butyl ether	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Naphthalene	ND		0.00539	0.00324	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
N-Propylbenzene	ND		0.00539	0.000971	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1

Client Sample ID: SED-4
Date Collected: 11/06/25 08:05
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-4
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1,1,2-Tetrachloroethane	ND		0.00539	0.00119	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1,2,2-Tetrachloroethane	ND		0.00539	0.00186	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Tetrachloroethene	ND		0.00539	0.00324	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Toluene	**0.00134**	**J**	0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2,3-Trichlorobenzene	ND		0.00539	0.00119	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2,4-Trichlorobenzene	ND		0.00539	0.00217	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1,1-Trichloroethane	ND		0.00539	0.00119	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1,2-Trichloroethane	ND		0.00539	0.00174	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Trichloroethene	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Trichlorofluoromethane	ND		0.00539	0.00261	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2,3-Trichloropropane	ND		0.00539	0.00224	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00539	0.00203	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,2,4-Trimethylbenzene	ND		0.00539	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
1,3,5-Trimethylbenzene	ND		0.00539	0.000895	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Vinyl acetate	ND		0.0270	0.00688	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Vinyl chloride	ND		0.00539	0.00235	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
o-Xylene	ND		0.00539	0.00324	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
m-Xylene & p-Xylene	ND		0.00539	0.00324	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Xylenes, Total	ND		0.0108	0.00647	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Isopropyl ether	ND		0.00539	0.00149	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Hexane	ND		0.00539	0.00280	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
n-Heptane	ND		0.00539	0.00312	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1
Ethyl acetate	ND		0.0216	0.00539	mg/Kg	☼	11/18/25 10:25	11/18/25 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:03*	*1*
Dibromofluoromethane	*101*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:03*	*1*
Toluene-d8 (Surr)	*103*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:03*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00780	0.00780	mg/Kg	☼	11/10/25 13:12	11/12/25 23:21	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*10 - 150*	*11/10/25 13:12*	*11/12/25 23:21*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.425	0.0124	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,4,5-Trichlorophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,4,6-Trichlorophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,4-Dichlorophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,4-Dimethylphenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,4-Dinitrophenol	ND		1.27	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,4-Dinitrotoluene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2,6-Dinitrotoluene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2-Chloronaphthalene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2-Chlorophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2-Methylnaphthalene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-4
Date Collected: 11/06/25 08:05
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-4
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2-Nitroaniline	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
2-Nitrophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
3 & 4 Methylphenol	ND		0.849	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
3,3'-Dichlorobenzidine	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
3-Nitroaniline	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4,6-Dinitro-2-methylphenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4-Bromophenyl phenyl ether	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4-Chloro-3-methylphenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4-Chloroaniline	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4-Chlorophenyl phenyl ether	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4-Nitroaniline	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
4-Nitrophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Acenaphthene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Acenaphthylene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Acetophenone	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Anthracene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Atrazine	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Benzaldehyde	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Benzo[a]anthracene	**0.0801**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Benzo[a]pyrene	**0.218**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Benzo[b]fluoranthene	**0.235**	**J**	0.425	0.00180	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Benzo[g,h,i]perylene	**0.231**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Benzo[k]fluoranthene	**0.0720**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
bis (2-chloroisopropyl) ether	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Bis(2-chloroethoxy)methane	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Bis(2-chloroethyl)ether	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Bis(2-ethylhexyl) phthalate	ND		0.425	0.129	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Butyl benzyl phthalate	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Caprolactam	**0.0436**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Carbazole	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Chrysene	**0.0857**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Dibenz(a,h)anthracene	**0.0425**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Dibenzofuran	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Diethyl phthalate	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Dimethyl phthalate	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Di-n-butyl phthalate	ND		1.27	0.386	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Di-n-octyl phthalate	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Fluoranthene	**0.173**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Fluorene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Hexachlorobenzene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Hexachlorobutadiene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Hexachlorocyclopentadiene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Hexachloroethane	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Indeno[1,2,3-cd]pyrene	**0.227**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Isophorone	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Naphthalene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Nitrobenzene	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
N-Nitrosodi-n-propylamine	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1

Client Sample ID: SED-4
Date Collected: 11/06/25 08:05
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-4
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Pentachlorophenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Phenanthrene	**0.112**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Phenol	ND		0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1
Pyrene	**0.131**	**J**	0.425	0.0425	mg/Kg	☼	11/10/25 10:21	11/11/25 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:47*	*1*
2-Fluorobiphenyl (Surr)	*101*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:47*	*1*
2-Fluorophenol (Surr)	*110*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:47*	*1*
Nitrobenzene-d5 (Surr)	*99*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:47*	*1*
Phenol-d5 (Surr)	*113*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:47*	*1*
Terphenyl-d14 (Surr)	*109*		*40 - 140*	*11/10/25 10:21*	*11/11/25 23:47*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**5.36**		3.27	0.949	mg/Kg	☼		11/15/25 08:47	1
Sulfate	**24.2**		13.1	12.8	mg/Kg	☼		11/15/25 08:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.60	0.136	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Arsenic	**0.857**	**J B**	1.30	0.227	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Barium	**20.6**		2.60	0.214	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Beryllium	ND		1.30	0.149	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Cadmium	ND		1.30	0.708	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Chromium	**6.44**		1.30	0.617	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Cobalt	**2.39**		1.30	0.104	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Copper	**13.4**		1.30	0.396	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Lead	**225**		1.30	0.104	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Manganese	**80.1**		6.50	4.20	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Nickel	**6.39**		1.30	0.487	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Selenium	ND		2.60	0.214	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Silver	ND		0.650	0.305	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Thallium	ND		1.30	0.0520	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Vanadium	**8.13**		1.30	0.403	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5
Zinc	**49.8**		13.0	10.0	mg/Kg	☼	11/11/25 09:24	11/11/25 20:00	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0517	0.0258	mg/Kg	☼	11/12/25 08:45	11/12/25 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.127**	**J**	1.24	0.124	mg/Kg	☼	11/11/25 10:27	11/18/25 00:28	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.27	0.406	mg/Kg	☼		11/21/25 16:42	1

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0374		0.0283	0.0136	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Benzene	ND		0.00566	0.000759	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Bromobenzene	ND		0.00566	0.00147	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Chlorobromomethane	ND		0.00566	0.000918	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Dichlorobromomethane	ND		0.00566	0.00104	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Bromoform	ND		0.00566	0.00147	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Bromomethane	ND		0.00566	0.00283	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
2-Butanone (MEK)	ND		0.0283	0.00680	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
n-Butylbenzene	ND		0.00566	0.00109	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
sec-Butylbenzene	ND		0.00566	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
tert-Butylbenzene	ND		0.00566	0.00125	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Carbon disulfide	ND		0.00566	0.00287	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Carbon tetrachloride	ND		0.00566	0.00193	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Chlorobenzene	ND		0.00566	0.00150	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Chloroethane	ND		0.00566	0.00374	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Chloroform	ND		0.00566	0.00154	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Chloromethane	ND		0.00566	0.00250	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
2-Chlorotoluene	ND		0.00566	0.00188	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
4-Chlorotoluene	ND		0.00566	0.00111	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Chlorodibromomethane	ND		0.00566	0.00136	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2-Dibromo-3-Chloropropane	ND		0.00566	0.00374	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Ethylene Dibromide	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Dibromomethane	ND		0.00566	0.000940	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2-Dichlorobenzene	ND		0.00566	0.00180	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,3-Dichlorobenzene	ND		0.00566	0.00108	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,4-Dichlorobenzene	ND		0.00566	0.000974	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
trans-1,4-Dichloro-2-butene	ND		0.00566	0.00283	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1-Dichloroethane	ND		0.00566	0.000940	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2-Dichloroethane	ND		0.00566	0.00208	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
cis-1,2-Dichloroethene	ND		0.00566	0.000861	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
trans-1,2-Dichloroethene	ND		0.00566	0.00109	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1-Dichloroethene	ND		0.00566	0.00238	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2-Dichloropropane	ND		0.00566	0.000861	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,3-Dichloropropane	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
2,2-Dichloropropane	ND		0.00566	0.00125	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1-Dichloropropene	ND		0.00566	0.000940	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
cis-1,3-Dichloropropene	ND		0.00566	0.00136	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
trans-1,3-Dichloropropene	ND		0.00566	0.00125	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Ethylbenzene	ND		0.00566	0.000691	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Hexachlorobutadiene	ND		0.00566	0.00283	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
2-Hexanone	ND		0.0283	0.00566	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Iodomethane	ND		0.00566	0.00385	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Isopropylbenzene	ND		0.00566	0.000770	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
4-Isopropyltoluene	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Methylene Chloride	ND		0.0170	0.0113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.0283	0.0152	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Methyl tert-butyl ether	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Naphthalene	ND		0.00566	0.00340	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
N-Propylbenzene	ND		0.00566	0.00102	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1,1,2-Tetrachloroethane	ND		0.00566	0.00125	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1,2,2-Tetrachloroethane	ND		0.00566	0.00195	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Tetrachloroethene	ND		0.00566	0.00340	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Toluene	**0.00133**	**J**	0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2,3-Trichlorobenzene	ND		0.00566	0.00125	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2,4-Trichlorobenzene	ND		0.00566	0.00228	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1,1-Trichloroethane	ND		0.00566	0.00125	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1,2-Trichloroethane	ND		0.00566	0.00182	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Trichloroethene	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Trichlorofluoromethane	ND		0.00566	0.00274	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2,3-Trichloropropane	ND		0.00566	0.00236	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00566	0.00213	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,2,4-Trimethylbenzene	ND		0.00566	0.00113	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
1,3,5-Trimethylbenzene	ND		0.00566	0.000940	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Vinyl acetate	ND		0.0283	0.00723	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Vinyl chloride	ND		0.00566	0.00247	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
o-Xylene	ND		0.00566	0.00340	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
m-Xylene & p-Xylene	ND		0.00566	0.00340	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Xylenes, Total	ND		0.0113	0.00680	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Isopropyl ether	ND		0.00566	0.00156	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Hexane	ND		0.00566	0.00295	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
n-Heptane	ND		0.00566	0.00327	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1
Ethyl acetate	ND		0.0227	0.00566	mg/Kg	☼	11/18/25 10:25	11/18/25 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:30*	*1*
Dibromofluoromethane	*101*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:30*	*1*
Toluene-d8 (Surr)	*101*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*50 - 150*	*11/18/25 10:25*	*11/18/25 20:30*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00297	0.00297	mg/Kg	☼	11/10/25 13:12	11/12/25 23:42	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*10 - 150*	*11/10/25 13:12*	*11/12/25 23:42*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.400	0.0116	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,4,5-Trichlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,4,6-Trichlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,4-Dichlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,4-Dimethylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,4-Dinitrophenol	ND		1.20	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,4-Dinitrotoluene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2,6-Dinitrotoluene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2-Chloronaphthalene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2-Chlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2-Methylnaphthalene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2-Nitroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
2-Nitrophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
3 & 4 Methylphenol	ND		0.801	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
3,3'-Dichlorobenzidine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
3-Nitroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4,6-Dinitro-2-methylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4-Bromophenyl phenyl ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4-Chloro-3-methylphenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4-Chloroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4-Chlorophenyl phenyl ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4-Nitroaniline	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
4-Nitrophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Acenaphthene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Acenaphthylene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Acetophenone	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Anthracene	**0.0494**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Atrazine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Benzaldehyde	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Benzo[a]anthracene	**0.337**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Benzo[a]pyrene	**0.302**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Benzo[b]fluoranthene	**0.528**		0.400	0.00170	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Benzo[g,h,i]perylene	**0.165**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Benzo[k]fluoranthene	**0.176**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
bis (2-chloroisopropyl) ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Bis(2-chloroethoxy)methane	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Bis(2-chloroethyl)ether	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Bis(2-ethylhexyl) phthalate	ND		0.400	0.121	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Butyl benzyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Caprolactam	**0.0682**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Carbazole	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Chrysene	**0.308**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Dibenz(a,h)anthracene	**0.0424**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Dibenzofuran	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Diethyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Dimethyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Di-n-butyl phthalate	ND		1.20	0.364	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Di-n-octyl phthalate	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Fluoranthene	**0.490**		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Fluorene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Hexachlorobenzene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Hexachlorobutadiene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Hexachlorocyclopentadiene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Hexachloroethane	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Indeno[1,2,3-cd]pyrene	**0.182**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Isophorone	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Naphthalene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Nitrobenzene	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
N-Nitrosodi-n-propylamine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Pentachlorophenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Phenanthrene	**0.104**	**J**	0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Phenol	ND		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1
Pyrene	**0.464**		0.400	0.0400	mg/Kg	☼	11/10/25 10:21	11/12/25 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*40 - 140*	*11/10/25 10:21*	*11/12/25 00:17*	*1*
2-Fluorobiphenyl (Surr)	*104*		*40 - 140*	*11/10/25 10:21*	*11/12/25 00:17*	*1*
2-Fluorophenol (Surr)	*110*		*40 - 140*	*11/10/25 10:21*	*11/12/25 00:17*	*1*
Nitrobenzene-d5 (Surr)	*102*		*40 - 140*	*11/10/25 10:21*	*11/12/25 00:17*	*1*
Phenol-d5 (Surr)	*117*		*40 - 140*	*11/10/25 10:21*	*11/12/25 00:17*	*1*
Terphenyl-d14 (Surr)	*106*		*40 - 140*	*11/10/25 10:21*	*11/12/25 00:17*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**4.38**		3.09	0.895	mg/Kg	☼		11/15/25 08:59	1
Sulfate	**19.3**		12.3	12.1	mg/Kg	☼		11/15/25 08:59	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.38	0.125	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Arsenic	**0.832**	**J B**	1.19	0.208	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Barium	**37.7**		2.38	0.196	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Beryllium	**0.182**	**J**	1.19	0.137	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Cadmium	ND		1.19	0.647	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Chromium	**12.1**		1.19	0.564	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Cobalt	**2.95**		1.19	0.0950	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Copper	**14.0**		1.19	0.362	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Lead	**33.3**		1.19	0.0950	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Manganese	**86.8**		5.94	3.84	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Nickel	**7.54**		1.19	0.445	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Selenium	**0.349**	**J**	2.38	0.196	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Silver	ND		0.594	0.279	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Thallium	ND		1.19	0.0475	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Vanadium	**9.03**		1.19	0.368	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5
Zinc	**49.7**		11.9	9.15	mg/Kg	☼	11/11/25 09:24	11/11/25 20:03	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0505	0.0253	mg/Kg	☼	11/12/25 08:45	11/12/25 14:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.223**	**J**	1.17	0.117	mg/Kg	☼	11/11/25 10:27	11/18/25 00:41	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.17	0.375	mg/Kg	☼		11/21/25 16:45	1

Surrogate Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	TOL	DCA
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)
752-38990-1	SED-1	94	100	101	112
752-38990-2	SED-2	96	102	102	114
752-38990-3	SED-3	92	100	102	112
752-38990-4	SED-4	92	101	103	114
752-38990-5	SED-Dup	94	101	101	115
LCS 400-730995/1-A	Lab Control Sample	86	98	107	97
MB 400-730995/2-A	Method Blank	91	99	106	106

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-38990-1	SED-1	104	107	119	138	113	131
752-38990-2	SED-2	76	101	111	104	111	108
752-38990-3	SED-3	64	95	102	96	105	105
752-38990-4	SED-4	67	101	110	99	113	109
752-38990-5	SED-Dup	54	104	110	102	117	106
LCS 400-729909/2-A	Lab Control Sample	88	102	91	120	70	108
LCS 400-731122/4-A	Lab Control Sample	164 S1+	123	127	152 S1+	103	132
MB 400-729909/1-A	Method Blank	66	105	100	128	89	111
MB 400-731122/1-A	Method Blank	161 S1+	125	134	154 S1+	97	142 S1+

Surrogate Legend

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

Isotope Dilution Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-150)						
752-38990-1	SED-1	48						
752-38990-1 MS	SED-1	58						
752-38990-1 MSD	SED-1	56						
752-38990-2	SED-2	50						
752-38990-3	SED-3	47						
752-38990-4	SED-4	59						
752-38990-5	SED-Dup	59						
LCS 400-729961/2-A	Lab Control Sample	63						
LCS 400-731115/2-A	Lab Control Sample	58						
MB 400-729961/1-A	Method Blank	55						
MB 400-731115/1-A	Method Blank	58						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-730995/2-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chloroform	ND		0.00500	0.00136	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1

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

Lab Sample ID: MB 400-730995/2-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/18/25 10:25	11/18/25 11:43	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/18/25 10:25	11/18/25 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*
Dibromofluoromethane	*99*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*
Toluene-d8 (Surr)	*106*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*50 - 150*	*11/18/25 10:25*	*11/18/25 11:43*	*1*

Lab Sample ID: LCS 400-730995/1-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2968		mg/Kg		148	48 - 150
Benzene	0.0500	0.04638		mg/Kg		93	65 - 130
Bromobenzene	0.0500	0.04458		mg/Kg		89	65 - 130
Chlorobromomethane	0.0500	0.04951		mg/Kg		99	65 - 130
Dichlorobromomethane	0.0500	0.04679		mg/Kg		94	61 - 130
Bromoform	0.0500	0.04064		mg/Kg		81	52 - 136
Bromomethane	0.0500	0.04302		mg/Kg		86	12 - 150
2-Butanone (MEK)	0.200	0.2329		mg/Kg		116	55 - 130
n-Butylbenzene	0.0500	0.04349		mg/Kg		87	66 - 130
sec-Butylbenzene	0.0500	0.04285		mg/Kg		86	67 - 130
tert-Butylbenzene	0.0500	0.04269		mg/Kg		85	67 - 130

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

Lab Sample ID: LCS 400-730995/1-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	0.0500	0.04157		mg/Kg		83	46 - 141
Carbon tetrachloride	0.0500	0.04737		mg/Kg		95	60 - 130
Chlorobenzene	0.0500	0.04846		mg/Kg		97	70 - 130
Chloroethane	0.0500	0.03695		mg/Kg		74	55 - 134
Chloroform	0.0500	0.04510		mg/Kg		90	62 - 130
Chloromethane	0.0500	0.05300		mg/Kg		106	49 - 136
2-Chlorotoluene	0.0500	0.04177		mg/Kg		84	67 - 130
4-Chlorotoluene	0.0500	0.04238		mg/Kg		85	66 - 130
Chlorodibromomethane	0.0500	0.05230		mg/Kg		105	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.05056		mg/Kg		101	49 - 130
Ethylene Dibromide	0.0500	0.04987		mg/Kg		100	67 - 130
Dibromomethane	0.0500	0.04500		mg/Kg		90	65 - 130
1,2-Dichlorobenzene	0.0500	0.05212		mg/Kg		104	64 - 130
1,3-Dichlorobenzene	0.0500	0.04840		mg/Kg		97	66 - 130
1,4-Dichlorobenzene	0.0500	0.04907		mg/Kg		98	65 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04187		mg/Kg		84	45 - 137
1,1-Dichloroethane	0.0500	0.04460		mg/Kg		89	59 - 130
1,2-Dichloroethane	0.0500	0.04761		mg/Kg		95	62 - 130
cis-1,2-Dichloroethene	0.0500	0.05177		mg/Kg		104	53 - 135
trans-1,2-Dichloroethene	0.0500	0.04754		mg/Kg		95	58 - 134
1,1-Dichloroethene	0.0500	0.04720		mg/Kg		94	55 - 137
1,2-Dichloropropane	0.0500	0.04797		mg/Kg		96	64 - 130
1,3-Dichloropropane	0.0500	0.05162		mg/Kg		103	67 - 130
2,2-Dichloropropane	0.0500	0.04577		mg/Kg		92	51 - 132
1,1-Dichloropropene	0.0500	0.04635		mg/Kg		93	65 - 130
cis-1,3-Dichloropropene	0.0500	0.04610		mg/Kg		92	61 - 130
trans-1,3-Dichloropropene	0.0500	0.05165		mg/Kg		103	60 - 130
Ethylbenzene	0.0500	0.04743		mg/Kg		95	70 - 130
Hexachlorobutadiene	0.0500	0.06355		mg/Kg		127	62 - 133
2-Hexanone	0.200	0.2330		mg/Kg		116	57 - 131
Iodomethane	0.0500	0.02903		mg/Kg		58	12 - 150
Isopropylbenzene	0.0500	0.04579		mg/Kg		92	70 - 130
4-Isopropyltoluene	0.0500	0.04407		mg/Kg		88	68 - 130
Methylene Chloride	0.0500	0.03851		mg/Kg		77	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1811		mg/Kg		91	58 - 130
Methyl tert-butyl ether	0.0500	0.05759		mg/Kg		115	63 - 130
Naphthalene	0.0500	0.04173		mg/Kg		83	45 - 144
N-Propylbenzene	0.0500	0.04259		mg/Kg		85	67 - 130
Styrene	0.0500	0.04523		mg/Kg		90	68 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04965		mg/Kg		99	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04201		mg/Kg		84	60 - 131
Tetrachloroethene	0.0500	0.05244		mg/Kg		105	67 - 130
Toluene	0.0500	0.05053		mg/Kg		101	70 - 130
1,2,3-Trichlorobenzene	0.0500	0.06098		mg/Kg		122	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05450		mg/Kg		109	56 - 138
1,1,1-Trichloroethane	0.0500	0.04700		mg/Kg		94	63 - 130
1,1,2-Trichloroethane	0.0500	0.05190		mg/Kg		104	65 - 130
Trichloroethene	0.0500	0.04991		mg/Kg		100	65 - 130
Trichlorofluoromethane	0.0500	0.04489		mg/Kg		90	61 - 136

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

Lab Sample ID: LCS 400-730995/1-A
Matrix: Solid
Analysis Batch: 730934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.04325		mg/Kg		87	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.06714		mg/Kg		134	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04179		mg/Kg		84	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04199		mg/Kg		84	67 - 130
Vinyl acetate	0.100	0.09393		mg/Kg		94	24 - 150
Vinyl chloride	0.0500	0.03831		mg/Kg		77	52 - 132
o-Xylene	0.0500	0.04663		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.0500	0.04630		mg/Kg		93	70 - 130
Xylenes, Total	0.100	0.09293		mg/Kg		93	70 - 130
Isopropyl ether	0.0500	0.05536		mg/Kg		111	62 - 130
Hexane	0.0500	0.04687		mg/Kg		94	57 - 132
n-Heptane	0.0500	0.04030		mg/Kg		81	61 - 130
Ethyl acetate	0.100	0.09856		mg/Kg		99	21 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*50 - 150*
Dibromofluoromethane	*98*		*50 - 150*
Toluene-d8 (Surr)	*107*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*97*		*50 - 150*

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

Lab Sample ID: MB 400-729909/1-A
Matrix: Solid
Analysis Batch: 730071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1

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

Lab Sample ID: MB 400-729909/1-A
Matrix: Solid
Analysis Batch: 730071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Acetophenone	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Atrazine	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Caprolactam	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Carbazole	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Chrysene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Fluorene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Isophorone	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Naphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Phenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1
Pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:21	11/11/25 14:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*40 - 140*	*11/10/25 10:21*	*11/11/25 14:38*	*1*
2-Fluorobiphenyl (Surr)	*105*		*40 - 140*	*11/10/25 10:21*	*11/11/25 14:38*	*1*

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

Lab Sample ID: MB 400-729909/1-A
Matrix: Solid
Analysis Batch: 730071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729909

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	100		40 - 140	11/10/25 10:21	11/11/25 14:38	1
Nitrobenzene-d5 (Surr)	128		40 - 140	11/10/25 10:21	11/11/25 14:38	1
Phenol-d5 (Surr)	89		40 - 140	11/10/25 10:21	11/11/25 14:38	1
Terphenyl-d14 (Surr)	111		40 - 140	11/10/25 10:21	11/11/25 14:38	1

Lab Sample ID: LCS 400-729909/2-A
Matrix: Solid
Analysis Batch: 730071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.588		mg/Kg		106	19 - 126
2,4,5-Trichlorophenol	1.50	1.714		mg/Kg		114	10 - 150
2,4,6-Trichlorophenol	1.50	1.157		mg/Kg		77	10 - 150
2,4-Dichlorophenol	1.50	1.213		mg/Kg		81	10 - 150
2,4-Dimethylphenol	1.50	1.378		mg/Kg		92	10 - 141
2,4-Dinitrophenol	3.00	3.196		mg/Kg		107	10 - 150
2,4-Dinitrotoluene	1.50	1.701		mg/Kg		113	31 - 136
2,6-Dinitrotoluene	1.50	1.736		mg/Kg		116	31 - 137
2-Chloronaphthalene	1.50	1.536		mg/Kg		102	20 - 126
2-Chlorophenol	1.50	1.240		mg/Kg		83	10 - 150
2-Methylnaphthalene	1.50	1.602		mg/Kg		107	20 - 150
2-Methylphenol	1.50	0.9804		mg/Kg		65	18 - 126
2-Nitroaniline	1.50	1.807		mg/Kg		120	30 - 150
2-Nitrophenol	1.50	1.740		mg/Kg		116	19 - 150
3 & 4 Methylphenol	1.50	1.259		mg/Kg		84	10 - 150
3,3'-Dichlorobenzidine	3.00	1.844		mg/Kg		61	10 - 124
3-Nitroaniline	1.50	1.673		mg/Kg		112	10 - 148
4,6-Dinitro-2-methylphenol	3.00	3.260		mg/Kg		109	15 - 150
4-Bromophenyl phenyl ether	1.50	1.531		mg/Kg		102	21 - 129
4-Chloro-3-methylphenol	1.50	1.307		mg/Kg		87	16 - 150
4-Chloroaniline	1.50	1.083		mg/Kg		72	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.508		mg/Kg		101	21 - 124
4-Nitroaniline	1.50	1.791		mg/Kg		119	21 - 146
4-Nitrophenol	3.00	2.974		mg/Kg		99	10 - 150
Acenaphthene	1.50	1.580		mg/Kg		105	21 - 150
Acenaphthylene	1.50	1.638		mg/Kg		109	22 - 150
Acetophenone	1.50	1.281		mg/Kg		85	15 - 128
Anthracene	1.50	1.586		mg/Kg		106	28 - 150
Atrazine	1.50	1.714		mg/Kg		114	10 - 150
Benzaldehyde	1.50	1.299		mg/Kg		87	10 - 150
Benzo[a]anthracene	1.50	1.582		mg/Kg		105	32 - 150
Benzo[a]pyrene	1.50	1.630		mg/Kg		109	24 - 150
Benzo[b]fluoranthene	1.50	1.593		mg/Kg		106	17 - 150
Benzo[g,h,i]perylene	1.50	1.541		mg/Kg		103	25 - 150
Benzo[k]fluoranthene	1.50	1.611		mg/Kg		107	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.452		mg/Kg		97	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.494		mg/Kg		100	16 - 132
Bis(2-chloroethyl)ether	1.50	1.464		mg/Kg		98	24 - 120

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

Lab Sample ID: LCS 400-729909/2-A
Matrix: Solid
Analysis Batch: 730071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	1.50	1.580		mg/Kg		105	12 - 150
Butyl benzyl phthalate	1.50	1.830		mg/Kg		122	24 - 150
Caprolactam	1.50	1.307		mg/Kg		87	10 - 150
Carbazole	1.50	1.596		mg/Kg		106	16 - 150
Chrysene	1.50	1.553		mg/Kg		104	31 - 150
Dibenz(a,h)anthracene	1.50	1.572		mg/Kg		105	26 - 150
Dibenzofuran	1.50	1.525		mg/Kg		102	27 - 123
Diethyl phthalate	1.50	1.477		mg/Kg		98	20 - 150
Dimethyl phthalate	1.50	1.501		mg/Kg		100	21 - 140
Di-n-butyl phthalate	1.50	1.579		mg/Kg		105	10 - 150
Di-n-octyl phthalate	1.50	1.880		mg/Kg		125	23 - 150
Fluoranthene	1.50	1.548		mg/Kg		103	27 - 150
Fluorene	1.50	1.507		mg/Kg		100	21 - 150
Hexachlorobenzene	1.50	1.628		mg/Kg		109	23 - 121
Hexachlorobutadiene	1.50	1.463		mg/Kg		98	15 - 120
Hexachlorocyclopentadiene	1.50	1.072		mg/Kg		71	14 - 132
Hexachloroethane	1.50	1.504		mg/Kg		100	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.571		mg/Kg		105	33 - 150
Isophorone	1.50	1.469		mg/Kg		98	22 - 129
Naphthalene	1.50	1.541		mg/Kg		103	17 - 150
Nitrobenzene	1.50	1.825		mg/Kg		122	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.502		mg/Kg		100	23 - 128
N-Nitrosodiphenylamine	1.49	1.529		mg/Kg		103	21 - 137
Pentachlorophenol	3.00	2.944		mg/Kg		98	10 - 150
Phenanthrene	1.50	1.587		mg/Kg		106	24 - 150
Phenol	1.50	1.131		mg/Kg		75	10 - 150
Pyrene	1.50	1.563		mg/Kg		104	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*40 - 140*
2-Fluorobiphenyl (Surr)	*102*		*40 - 140*
2-Fluorophenol (Surr)	*91*		*40 - 140*
Nitrobenzene-d5 (Surr)	*120*		*40 - 140*
Phenol-d5 (Surr)	*70*		*40 - 140*
Terphenyl-d14 (Surr)	*108*		*40 - 140*

Lab Sample ID: MB 400-731122/1-A
Matrix: Solid
Analysis Batch: 731098

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1

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

Lab Sample ID: MB 400-731122/1-A
Matrix: Solid
Analysis Batch: 731098

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Acetophenone	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Anthracene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Atrazine	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Caprolactam	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Carbazole	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Chrysene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Fluorene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1

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

Lab Sample ID: MB 400-731122/1-A
Matrix: Solid
Analysis Batch: 731098

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Naphthalene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Phenol	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1
Pyrene	ND		0.330	0.0330	mg/Kg		11/19/25 11:24	11/19/25 16:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*161*	*S1+*	*40 - 140*	*11/19/25 11:24*	*11/19/25 16:59*	*1*
2-Fluorobiphenyl (Surr)	*125*		*40 - 140*	*11/19/25 11:24*	*11/19/25 16:59*	*1*
2-Fluorophenol (Surr)	*134*		*40 - 140*	*11/19/25 11:24*	*11/19/25 16:59*	*1*
Nitrobenzene-d5 (Surr)	*154*	*S1+*	*40 - 140*	*11/19/25 11:24*	*11/19/25 16:59*	*1*
Phenol-d5 (Surr)	*97*		*40 - 140*	*11/19/25 11:24*	*11/19/25 16:59*	*1*
Terphenyl-d14 (Surr)	*142*	*S1+*	*40 - 140*	*11/19/25 11:24*	*11/19/25 16:59*	*1*

Lab Sample ID: LCS 400-731122/4-A
Matrix: Solid
Analysis Batch: 731098

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.866		mg/Kg		124	19 - 126
2,4,5-Trichlorophenol	1.50	1.916		mg/Kg		128	10 - 150
2,4,6-Trichlorophenol	1.50	1.881		mg/Kg		125	10 - 150
2,4-Dichlorophenol	1.50	1.595		mg/Kg		106	10 - 150
2,4-Dimethylphenol	1.50	0.1893	J	mg/Kg		13	10 - 141
2,4-Dinitrophenol	3.00	3.841		mg/Kg		128	10 - 150
2,4-Dinitrotoluene	1.50	2.165	*+	mg/Kg		144	31 - 136
2,6-Dinitrotoluene	1.50	2.426	*+	mg/Kg		162	31 - 137
2-Chloronaphthalene	1.50	2.016	*+	mg/Kg		134	20 - 126
2-Chlorophenol	1.50	1.702		mg/Kg		113	10 - 150
2-Methylnaphthalene	1.50	1.849		mg/Kg		123	20 - 150
2-Methylphenol	1.50	1.560		mg/Kg		104	18 - 126
2-Nitroaniline	1.50	2.338	*+	mg/Kg		156	30 - 150
2-Nitrophenol	1.50	2.205		mg/Kg		147	19 - 150
3 & 4 Methylphenol	1.50	1.310		mg/Kg		87	10 - 150
3,3'-Dichlorobenzidine	3.00	2.840		mg/Kg		95	10 - 124
3-Nitroaniline	1.50	2.140		mg/Kg		143	10 - 148
4,6-Dinitro-2-methylphenol	3.00	4.343		mg/Kg		145	15 - 150
4-Bromophenyl phenyl ether	1.50	1.824		mg/Kg		122	21 - 129
4-Chloro-3-methylphenol	1.50	1.072		mg/Kg		71	16 - 150
4-Chloroaniline	1.50	1.461		mg/Kg		97	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.755		mg/Kg		117	21 - 124
4-Nitroaniline	1.50	2.253	*+	mg/Kg		150	21 - 146
4-Nitrophenol	3.00	2.738		mg/Kg		91	10 - 150
Acenaphthene	1.50	1.849		mg/Kg		123	21 - 150

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

Lab Sample ID: LCS 400-731122/4-A
Matrix: Solid
Analysis Batch: 731098

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	1.50	1.956		mg/Kg		130	22 - 150
Acetophenone	1.50	1.651		mg/Kg		110	15 - 128
Anthracene	1.50	1.848		mg/Kg		123	28 - 150
Atrazine	1.50	1.994		mg/Kg		133	10 - 150
Benzaldehyde	1.50	1.677		mg/Kg		112	10 - 150
Benzo[a]anthracene	1.50	1.888		mg/Kg		126	32 - 150
Benzo[a]pyrene	1.50	1.934		mg/Kg		129	24 - 150
Benzo[b]fluoranthene	1.50	2.023		mg/Kg		135	17 - 150
Benzo[g,h,i]perylene	1.50	1.926		mg/Kg		128	25 - 150
Benzo[k]fluoranthene	1.50	1.936		mg/Kg		129	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.629		mg/Kg		109	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.908		mg/Kg		127	16 - 132
Bis(2-chloroethyl)ether	1.50	1.614		mg/Kg		108	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.941		mg/Kg		129	12 - 150
Butyl benzyl phthalate	1.50	2.173		mg/Kg		145	24 - 150
Caprolactam	1.50	1.643		mg/Kg		110	10 - 150
Carbazole	1.50	1.894		mg/Kg		126	16 - 150
Chrysene	1.50	1.863		mg/Kg		124	31 - 150
Dibenz(a,h)anthracene	1.50	1.950		mg/Kg		130	26 - 150
Dibenzofuran	1.50	1.768		mg/Kg		118	27 - 123
Diethyl phthalate	1.50	1.777		mg/Kg		118	20 - 150
Dimethyl phthalate	1.50	1.796		mg/Kg		120	21 - 140
Di-n-butyl phthalate	1.50	1.988		mg/Kg		133	10 - 150
Di-n-octyl phthalate	1.50	2.223		mg/Kg		148	23 - 150
Fluoranthene	1.50	1.890		mg/Kg		126	27 - 150
Fluorene	1.50	1.797		mg/Kg		120	21 - 150
Hexachlorobenzene	1.50	1.999	*+	mg/Kg		133	23 - 121
Hexachlorobutadiene	1.50	1.630		mg/Kg		109	15 - 120
Hexachlorocyclopentadiene	1.50	1.773		mg/Kg		118	14 - 132
Hexachloroethane	1.50	1.719		mg/Kg		115	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.976		mg/Kg		132	33 - 150
Isophorone	1.50	1.710		mg/Kg		114	22 - 129
Naphthalene	1.50	1.755		mg/Kg		117	17 - 150
Nitrobenzene	1.50	2.186	*+	mg/Kg		146	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.840		mg/Kg		123	23 - 128
N-Nitrosodiphenylamine	1.49	1.785		mg/Kg		120	21 - 137
Pentachlorophenol	3.00	3.710		mg/Kg		124	10 - 150
Phenanthrene	1.50	1.830		mg/Kg		122	24 - 150
Phenol	1.50	1.324		mg/Kg		88	10 - 150
Pyrene	1.50	1.850		mg/Kg		123	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*164*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*123*		*40 - 140*
2-Fluorophenol (Surr)	*127*		*40 - 140*
Nitrobenzene-d5 (Surr)	*152*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*103*		*40 - 140*
Terphenyl-d14 (Surr)	*132*		*40 - 140*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 400-729961/1-A
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		11/10/25 13:12	11/12/25 16:14	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*10 - 150*	*11/10/25 13:12*	*11/12/25 16:14*	*1*

Lab Sample ID: LCS 400-729961/2-A
Matrix: Solid
Analysis Batch: 730301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2633		mg/Kg		99	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*63*		*10 - 150*

Lab Sample ID: MB 400-731115/1-A
Matrix: Solid
Analysis Batch: 731243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		11/19/25 10:47	11/20/25 11:51	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*10 - 150*	*11/19/25 10:47*	*11/20/25 11:51*	*1*

Lab Sample ID: LCS 400-731115/2-A
Matrix: Solid
Analysis Batch: 731243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2713		mg/Kg		102	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*58*		*10 - 150*

Lab Sample ID: 752-38990-1 MS
Matrix: Solid
Analysis Batch: 731243

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 731115

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	ND		0.350	0.3142		mg/Kg	☼	90	50 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*58*		*10 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 752-38990-1 MSD
Matrix: Solid
Analysis Batch: 731243

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 731115

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.351	0.3608		mg/Kg	☼	103	50 - 150	14	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*56*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-95380/1-A
Matrix: Solid
Analysis Batch: 95263

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			11/15/25 06:17	1

Lab Sample ID: LCS 705-95380/2-A
Matrix: Solid
Analysis Batch: 95263

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	253.6		mg/Kg		101	90 - 110

Lab Sample ID: MB 705-95380/1-A
Matrix: Solid
Analysis Batch: 95264

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			11/15/25 06:17	1

Lab Sample ID: LCS 705-95380/2-A
Matrix: Solid
Analysis Batch: 95264

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	52.75		mg/Kg		106	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186867/3-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.400	0.0210	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Arsenic	0.08888	J	0.200	0.0350	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Barium	ND		0.400	0.0330	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Beryllium	ND		0.200	0.0230	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Cadmium	ND		0.200	0.109	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Chromium	ND		0.200	0.0950	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Cobalt	ND		0.200	0.0160	mg/Kg		11/11/25 09:24	11/11/25 19:11	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 670-186867/3-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 186867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.200	0.0610	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Lead	ND		0.200	0.0160	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Manganese	ND		1.00	0.646	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Nickel	ND		0.200	0.0750	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Selenium	ND		0.400	0.0330	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Silver	ND		0.100	0.0470	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Thallium	ND		0.200	0.00800	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Vanadium	ND		0.200	0.0620	mg/Kg		11/11/25 09:24	11/11/25 19:11	1
Zinc	ND		2.00	1.54	mg/Kg		11/11/25 09:24	11/11/25 19:11	1

Lab Sample ID: LCS 670-186867/1-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.34		mg/Kg		103	80 - 120
Arsenic	10.0	9.652		mg/Kg		97	80 - 120
Barium	10.0	9.935		mg/Kg		99	80 - 120
Beryllium	10.0	9.753		mg/Kg		98	80 - 120
Cadmium	10.0	10.05		mg/Kg		101	80 - 120
Chromium	10.0	9.854		mg/Kg		99	80 - 120
Cobalt	10.0	9.490		mg/Kg		95	80 - 120
Copper	10.0	9.343		mg/Kg		93	80 - 120
Lead	10.0	9.827		mg/Kg		98	80 - 120
Manganese	110	111.6		mg/Kg		101	80 - 120
Nickel	10.0	9.595		mg/Kg		96	80 - 120
Selenium	10.0	9.801		mg/Kg		98	80 - 120
Silver	10.0	9.912		mg/Kg		99	80 - 120
Thallium	10.0	10.11		mg/Kg		101	80 - 120
Vanadium	10.0	9.923		mg/Kg		99	80 - 120
Zinc	10.0	10.02		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 670-186867/2-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186867

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	10.0	10.36		mg/Kg		104	80 - 120	0	20
Arsenic	10.0	9.757		mg/Kg		98	80 - 120	1	20
Barium	10.0	10.08		mg/Kg		101	80 - 120	1	20
Beryllium	10.0	9.631		mg/Kg		96	80 - 120	1	20
Cadmium	10.0	10.18		mg/Kg		102	80 - 120	1	20
Chromium	10.0	9.884		mg/Kg		99	80 - 120	0	20
Cobalt	10.0	9.572		mg/Kg		96	80 - 120	1	20
Copper	10.0	9.528		mg/Kg		95	80 - 120	2	20
Lead	10.0	9.821		mg/Kg		98	80 - 120	0	20
Manganese	110	111.4		mg/Kg		101	80 - 120	0	20
Nickel	10.0	9.649		mg/Kg		96	80 - 120	1	20
Selenium	10.0	9.850		mg/Kg		99	80 - 120	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 670-186867/2-A
Matrix: Solid
Analysis Batch: 187168

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186867

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver			10.0	10.04		mg/Kg		100	80 - 120	1	20
Thallium			10.0	10.20		mg/Kg		102	80 - 120	1	20
Vanadium			10.0	9.883		mg/Kg		99	80 - 120	0	20
Zinc			10.0	10.03		mg/Kg		100	80 - 120	0	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 670-187166/13-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 187166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0400	0.0200	mg/Kg		11/12/25 08:45	11/12/25 13:38	1

Lab Sample ID: LCS 670-187166/11-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 187166

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.400	0.4312		mg/Kg		108	80 - 120		

Lab Sample ID: LCSD 670-187166/12-A
Matrix: Solid
Analysis Batch: 187325

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 187166

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.400	0.4256		mg/Kg		106	80 - 120	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-731457/20
Matrix: Solid
Analysis Batch: 731457

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			0.0500	0.07100		mg/L		142	50 - 150		

Lab Sample ID: MB 400-730855/1-A
Matrix: Solid
Analysis Batch: 731457

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.975	0.312	mg/Kg			11/21/25 15:52	1

Lab Sample ID: LCS 400-730855/2-A
Matrix: Solid
Analysis Batch: 731457

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.5	60.94		mg/Kg		102	90 - 110		

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-730080/1-A
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730080

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		11/11/25 10:26	11/17/25 20:28	1

Lab Sample ID: LCS 400-730080/2-A
Matrix: Solid
Analysis Batch: 730898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.833		mg/Kg		92	85 - 115		

Lab Sample ID: MB 400-731196/1-A
Matrix: Solid
Analysis Batch: 731462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		11/20/25 08:57	11/21/25 17:04	1

Lab Sample ID: LCS 400-731196/2-A
Matrix: Solid
Analysis Batch: 731462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731196

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.884		mg/Kg		94	85 - 115		

Lab Sample ID: 752-38990-1 MS
Matrix: Solid
Analysis Batch: 731462

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 731196

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND	F1 F2	422	527.4		mg/Kg	☼	125	75 - 125		

Lab Sample ID: 752-38990-1 MSD
Matrix: Solid
Analysis Batch: 731462

Client Sample ID: SED-1
Prep Type: Total/NA
Prep Batch: 731196

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND	F1 F2	632	821.7	F1 F2	mg/Kg	☼	130	75 - 125	44	15

GC/MS VOA

Analysis Batch: 730934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	8260D	730995
752-38990-2	SED-2	Total/NA	Solid	8260D	730995
752-38990-3	SED-3	Total/NA	Solid	8260D	730995
752-38990-4	SED-4	Total/NA	Solid	8260D	730995
752-38990-5	SED-Dup	Total/NA	Solid	8260D	730995
MB 400-730995/2-A	Method Blank	Total/NA	Solid	8260D	730995
LCS 400-730995/1-A	Lab Control Sample	Total/NA	Solid	8260D	730995

Prep Batch: 730995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	5035	
752-38990-2	SED-2	Total/NA	Solid	5035	
752-38990-3	SED-3	Total/NA	Solid	5035	
752-38990-4	SED-4	Total/NA	Solid	5035	
752-38990-5	SED-Dup	Total/NA	Solid	5035	
MB 400-730995/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-730995/1-A	Lab Control Sample	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 729909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	3546	
752-38990-3	SED-3	Total/NA	Solid	3546	
752-38990-4	SED-4	Total/NA	Solid	3546	
752-38990-5	SED-Dup	Total/NA	Solid	3546	
MB 400-729909/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729909/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 729961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	3546	
752-38990-3	SED-3	Total/NA	Solid	3546	
752-38990-4	SED-4	Total/NA	Solid	3546	
752-38990-5	SED-Dup	Total/NA	Solid	3546	
MB 400-729961/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729961/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 730063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	8270E	729909
752-38990-3	SED-3	Total/NA	Solid	8270E	729909
752-38990-4	SED-4	Total/NA	Solid	8270E	729909
752-38990-5	SED-Dup	Total/NA	Solid	8270E	729909

Analysis Batch: 730071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-729909/1-A	Method Blank	Total/NA	Solid	8270E	729909
LCS 400-729909/2-A	Lab Control Sample	Total/NA	Solid	8270E	729909

GC/MS Semi VOA

Analysis Batch: 730301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	8270E SIM ID	729961
752-38990-3	SED-3	Total/NA	Solid	8270E SIM ID	729961
752-38990-4	SED-4	Total/NA	Solid	8270E SIM ID	729961
752-38990-5	SED-Dup	Total/NA	Solid	8270E SIM ID	729961
MB 400-729961/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	729961
LCS 400-729961/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	729961

Analysis Batch: 731098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	8270E	731122
MB 400-731122/1-A	Method Blank	Total/NA	Solid	8270E	731122
LCS 400-731122/4-A	Lab Control Sample	Total/NA	Solid	8270E	731122

Prep Batch: 731115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	3546	
MB 400-731115/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-731115/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-38990-1 MS	SED-1	Total/NA	Solid	3546	
752-38990-1 MSD	SED-1	Total/NA	Solid	3546	

Prep Batch: 731122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	3546	
MB 400-731122/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-731122/4-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 731243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	8270E SIM ID	731115
MB 400-731115/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	731115
LCS 400-731115/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	731115
752-38990-1 MS	SED-1	Total/NA	Solid	8270E SIM ID	731115
752-38990-1 MSD	SED-1	Total/NA	Solid	8270E SIM ID	731115

HPLC/IC

Analysis Batch: 95263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Soluble	Solid	9056A	95380
752-38990-2	SED-2	Soluble	Solid	9056A	95380
752-38990-3	SED-3	Soluble	Solid	9056A	95380
752-38990-4	SED-4	Soluble	Solid	9056A	95380
752-38990-5	SED-Dup	Soluble	Solid	9056A	95380
MB 705-95380/1-A	Method Blank	Soluble	Solid	9056A	95380
LCS 705-95380/2-A	Lab Control Sample	Soluble	Solid	9056A	95380

Analysis Batch: 95264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Soluble	Solid	9056A	95380
752-38990-2	SED-2	Soluble	Solid	9056A	95380

HPLC/IC (Continued)

Analysis Batch: 95264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-3	SED-3	Soluble	Solid	9056A	95380
752-38990-4	SED-4	Soluble	Solid	9056A	95380
752-38990-5	SED-Dup	Soluble	Solid	9056A	95380
MB 705-95380/1-A	Method Blank	Soluble	Solid	9056A	95380
LCS 705-95380/2-A	Lab Control Sample	Soluble	Solid	9056A	95380

Leach Batch: 95380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Soluble	Solid	DI Leach	
752-38990-2	SED-2	Soluble	Solid	DI Leach	
752-38990-3	SED-3	Soluble	Solid	DI Leach	
752-38990-4	SED-4	Soluble	Solid	DI Leach	
752-38990-5	SED-Dup	Soluble	Solid	DI Leach	
MB 705-95380/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-95380/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Metals

Prep Batch: 186867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	3051A	
752-38990-2	SED-2	Total/NA	Solid	3051A	
752-38990-3	SED-3	Total/NA	Solid	3051A	
752-38990-4	SED-4	Total/NA	Solid	3051A	
752-38990-5	SED-Dup	Total/NA	Solid	3051A	
MB 670-186867/3-A	Method Blank	Total/NA	Solid	3051A	
LCS 670-186867/1-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 670-186867/2-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Prep Batch: 187166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	7471B	
752-38990-2	SED-2	Total/NA	Solid	7471B	
752-38990-3	SED-3	Total/NA	Solid	7471B	
752-38990-4	SED-4	Total/NA	Solid	7471B	
752-38990-5	SED-Dup	Total/NA	Solid	7471B	
MB 670-187166/13-A	Method Blank	Total/NA	Solid	7471B	
LCS 670-187166/11-A	Lab Control Sample	Total/NA	Solid	7471B	
LCSD 670-187166/12-A	Lab Control Sample Dup	Total/NA	Solid	7471B	

Analysis Batch: 187168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	6020B	186867
752-38990-2	SED-2	Total/NA	Solid	6020B	186867
752-38990-3	SED-3	Total/NA	Solid	6020B	186867
752-38990-4	SED-4	Total/NA	Solid	6020B	186867
752-38990-5	SED-Dup	Total/NA	Solid	6020B	186867
MB 670-186867/3-A	Method Blank	Total/NA	Solid	6020B	186867
LCS 670-186867/1-A	Lab Control Sample	Total/NA	Solid	6020B	186867
LCSD 670-186867/2-A	Lab Control Sample Dup	Total/NA	Solid	6020B	186867

Metals

Analysis Batch: 187325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	7471B	187166
752-38990-2	SED-2	Total/NA	Solid	7471B	187166
752-38990-3	SED-3	Total/NA	Solid	7471B	187166
752-38990-4	SED-4	Total/NA	Solid	7471B	187166
752-38990-5	SED-Dup	Total/NA	Solid	7471B	187166
MB 670-187166/13-A	Method Blank	Total/NA	Solid	7471B	187166
LCS 670-187166/11-A	Lab Control Sample	Total/NA	Solid	7471B	187166
LCSD 670-187166/12-A	Lab Control Sample Dup	Total/NA	Solid	7471B	187166

General Chemistry

Prep Batch: 730080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	3060A	
752-38990-3	SED-3	Total/NA	Solid	3060A	
752-38990-4	SED-4	Total/NA	Solid	3060A	
752-38990-5	SED-Dup	Total/NA	Solid	3060A	
MB 400-730080/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-730080/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 730259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	Moisture	
752-38990-3	SED-3	Total/NA	Solid	Moisture	
752-38990-4	SED-4	Total/NA	Solid	Moisture	
752-38990-5	SED-Dup	Total/NA	Solid	Moisture	
752-38990-2 DU	SED-2	Total/NA	Solid	Moisture	

Leach Batch: 730855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Soluble	Solid	DI Leach	
752-38990-2	SED-2	Soluble	Solid	DI Leach	
752-38990-3	SED-3	Soluble	Solid	DI Leach	
752-38990-4	SED-4	Soluble	Solid	DI Leach	
752-38990-5	SED-Dup	Soluble	Solid	DI Leach	
MB 400-730855/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-730855/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 730898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-2	SED-2	Total/NA	Solid	7199	730080
752-38990-3	SED-3	Total/NA	Solid	7199	730080
752-38990-4	SED-4	Total/NA	Solid	7199	730080
752-38990-5	SED-Dup	Total/NA	Solid	7199	730080
MB 400-730080/1-A	Method Blank	Total/NA	Solid	7199	730080
LCS 400-730080/2-A	Lab Control Sample	Total/NA	Solid	7199	730080

Analysis Batch: 731139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	Moisture	

QC Association Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

General Chemistry

Prep Batch: 731196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	3060A	
MB 400-731196/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-731196/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-38990-1 MS	SED-1	Total/NA	Solid	3060A	
752-38990-1 MSD	SED-1	Total/NA	Solid	3060A	

Analysis Batch: 731457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Soluble	Solid	350.1	730855
752-38990-2	SED-2	Soluble	Solid	350.1	730855
752-38990-3	SED-3	Soluble	Solid	350.1	730855
752-38990-4	SED-4	Soluble	Solid	350.1	730855
752-38990-5	SED-Dup	Soluble	Solid	350.1	730855
MB 400-730855/1-A	Method Blank	Soluble	Solid	350.1	730855
LCS 400-730855/2-A	Lab Control Sample	Soluble	Solid	350.1	730855
MRL 400-731457/20	Lab Control Sample	Total/NA	Solid	350.1	

Analysis Batch: 731462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38990-1	SED-1	Total/NA	Solid	7199	731196
MB 400-731196/1-A	Method Blank	Total/NA	Solid	7199	731196
LCS 400-731196/2-A	Lab Control Sample	Total/NA	Solid	7199	731196
752-38990-1 MS	SED-1	Total/NA	Solid	7199	731196
752-38990-1 MSD	SED-1	Total/NA	Solid	7199	731196

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-1
Date Collected: 11/06/25 09:50
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	731139	TMP	EET PEN	11/19/25 13:32

Client Sample ID: SED-1
Date Collected: 11/06/25 09:50
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-1
Matrix: Solid
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 18:40
Total/NA	Prep	3546			731122	AMM	EET PEN	11/19/25 11:24
Total/NA	Analysis	8270E		1	731098	S1B	EET PEN	11/19/25 23:03
Total/NA	Prep	3546			731115	AMM	EET PEN	11/19/25 10:47
Total/NA	Analysis	8270E SIM ID		5	731243	KJA	EET PEN	11/20/25 13:17
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95263	MS	EET ATL 2	11/15/25 07:49
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95264	MS	EET ATL 2	11/15/25 07:49
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:44
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:05
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:47
Total/NA	Prep	3060A			731196	AC	EET PEN	11/20/25 08:57
Total/NA	Analysis	7199		1	731462	AR	EET PEN	11/21/25 17:29

Client Sample ID: SED-2
Date Collected: 11/06/25 09:25
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730259	TMP	EET PEN	11/12/25 11:07

Client Sample ID: SED-2
Date Collected: 11/06/25 09:25
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-2
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	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 19:07
Total/NA	Prep	3546			729909	AMM	EET PEN	11/10/25 10:21
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 22:46
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 22:38

Client Sample ID: SED-2

Lab Sample ID: 752-38990-2

Date Collected: 11/06/25 09:25

Matrix: Solid

Date Received: 11/07/25 16:45

Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:56
Soluble	Analysis	9056A		1	95263	MS	EET ATL 2	11/15/25 10:08
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:56
Soluble	Analysis	9056A		1	95264	MS	EET ATL 2	11/15/25 10:08
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:55
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:07
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:37
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 00:03

Client Sample ID: SED-3

Lab Sample ID: 752-38990-3

Date Collected: 11/06/25 09:10

Matrix: Solid

Date Received: 11/07/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730259	TMP	EET PEN	11/12/25 11:07

Client Sample ID: SED-3

Lab Sample ID: 752-38990-3

Date Collected: 11/06/25 09:10

Matrix: Solid

Date Received: 11/07/25 16:45

Percent Solids: 74.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 19:35
Total/NA	Prep	3546			729909	AMM	EET PEN	11/10/25 10:21
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 23:17
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 23:00
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95263	MS	EET ATL 2	11/15/25 08:01
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95264	MS	EET ATL 2	11/15/25 08:01
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 19:58
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:08
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:39
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 00:16

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-4
Date Collected: 11/06/25 08:05
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730259	TMP	EET PEN	11/12/25 11:07

Client Sample ID: SED-4
Date Collected: 11/06/25 08:05
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-4
Matrix: Solid
Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 20:03
Total/NA	Prep	3546			729909	AMM	EET PEN	11/10/25 10:21
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/11/25 23:47
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		5	730301	VC1	EET PEN	11/12/25 23:21
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95263	MS	EET ATL 2	11/15/25 08:47
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95264	MS	EET ATL 2	11/15/25 08:47
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 20:00
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:10
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:42
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 00:28

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	730259	TMP	EET PEN	11/12/25 11:07

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			730995	BPO	EET PEN	11/18/25 10:25
Total/NA	Analysis	8260D		1	730934	BPO	EET PEN	11/18/25 20:30
Total/NA	Prep	3546			729909	AMM	EET PEN	11/10/25 10:21
Total/NA	Analysis	8270E		1	730063	JAW	EET PEN	11/12/25 00:17
Total/NA	Prep	3546			729961	AMM	EET PEN	11/10/25 13:12
Total/NA	Analysis	8270E SIM ID		2	730301	VC1	EET PEN	11/12/25 23:42

Lab Chronicle

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Client Sample ID: SED-Dup
Date Collected: 11/06/25 00:00
Date Received: 11/07/25 16:45

Lab Sample ID: 752-38990-5
Matrix: Solid
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95263	MS	EET ATL 2	11/15/25 08:59
Soluble	Leach	DI Leach			95380	MS	EET ATL	11/14/25 14:02
Soluble	Analysis	9056A		1	95264	MS	EET ATL 2	11/15/25 08:59
Total/NA	Prep	3051A			186867	DP	EET ORL	11/11/25 09:24
Total/NA	Analysis	6020B		5	187168	AS	EET ORL	11/11/25 20:03
Total/NA	Prep	7471B			187166	RB	EET ORL	11/12/25 08:45
Total/NA	Analysis	7471B		1	187325	EB	EET ORL	11/12/25 14:11
Soluble	Leach	DI Leach			730855	CAC	EET PEN	11/17/25 15:07
Soluble	Analysis	350.1		1	731457	CAC	EET PEN	11/21/25 16:45
Total/NA	Prep	3060A			730080	AC	EET PEN	11/11/25 10:27
Total/NA	Analysis	7199		1	730898	AR	EET PEN	11/18/25 00:41

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-38990-1
Project/Site: Lyon Park

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Orlando

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8260D	5035	Solid	Hexane
8260D	5035	Solid	n-Heptane
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL 2
6020B	Metals (ICP/MS)	SW846	EET ORL
7471B	Mercury (CVAA)	SW846	EET ORL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3051A	Preparation, Metals, Microwave Assisted	SW846	EET ORL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	SW846	EET ORL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

ASTM = ASTM International

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 ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: S&ME Inc
Project/Site: Lyon Park

Job ID: 752-38990-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38990-1	SED-1	Solid	11/06/25 09:50	11/07/25 16:45	North Carolina
752-38990-2	SED-2	Solid	11/06/25 09:25	11/07/25 16:45	North Carolina
752-38990-3	SED-3	Solid	11/06/25 09:10	11/07/25 16:45	North Carolina
752-38990-4	SED-4	Solid	11/06/25 08:05	11/07/25 16:45	North Carolina
752-38990-5	SED-Dup	Solid	11/06/25 00:00	11/07/25 16:45	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jonathan Olanin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170288-59892.1
Client Contact: Jerry Paul	Phone: (984) 303-4791	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: ~~2000000000~~ 2305061301BJ			
Email: jpaul@smeinc.com	WO #:			
Project Name: ~~Watkown Park~~ Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

752-38990 COC

Other:

NCDEQ EQuIS EDDs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_D5 - 1,4-Dioxane	8260D - VOC NC 02L List	6020B_LL - PRLF 16 Metals; 7473 - Hg	9056A_ORGFM_28D - Sulfate; 9056A_ORGFM_48H - Nitrate	7199 - Hexavalent Chromium	8260D - VOC NC 02L List	Total Number of containers
			Preservation Code:				N	N	PL	N	N	N	A	
SED-1	11/6/25	0950	G	W			X	X	X	X	X	X	X	
SED-2		0925					X	X	X	X	X	X	X	
SED-3		0910					X	X	X	X	X	X	X	
SED-4		0805					X	X	X	X	X	X	X	
SED-DUP		—					X	X	X	X	X	X	X	

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]	11/6/25 1645	S&ME	[signature]	11/6/25 1645	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.8 (3.6°C) BR

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7190 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38990-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 11/11/2025			
City: Pensacola	TAT Requested (days): N/A			
State Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035A_FPVOC NC 02L List	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350 1/DI_LEACHAmmonia as N	7199/3060A	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SED-1 (752-38990-1)	11/6/25	09 50 Eastern	G	Solid			X							
SED-2 (752-38990-2)	11/6/25	09 25 Eastern	G	Solid			X	X	X	X	X	X		
SED-3 (752-38990-3)	11/6/25	09 10 Eastern	G	Solid			X	X	X	X	X	X		
SED-4 (752-38990-4)	11/6/25	08.05 Eastern	G	Solid			X	X	X	X	X	X		
SED-Dup (752-38990-5)	11/6/25	Eastern	G	Solid			X	X	X	X	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	BR	11/7/25 1640			11/05/25 909	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.1°C, 1.8°C, 0.4°C, 3.3°C, 4.9°C IR11

Ver 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary NC 27511
Phone 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold Chad	Carrier Tracking No(s): N/A	COC No.: 752-7189 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38990-1
Address: 481 Newburyport Avenue	Due Date Requested: 11/17/2025			
City: Altamonte Springs	TAT Requested (days): N/A			
State, Zip: FL 32701				
Phone: 407-339-5984(Tel) 407-260-6110(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3051APRLF 16 Metals, including prep	7471B/7471B_PrepMercury	Total Number of containers	Special Instructions/Note
			Preservation Code:							
SED-1 (752-38990-1)	11/6/25	09 50 Eastern	G	Solid			X	X	1	
SED-2 (752-38990-2)	11/6/25	09 25 Eastern	G	Solid			X	X	1	
SED-3 (752-38990-3)	11/6/25	09 10 Eastern	G	Solid			X	X	1	
SED-4 (752-38990-4)	11/6/25	08 05 Eastern	G	Solid			X	X	1	
SED-Dup (752-38990-5)	11/6/25	Eastern	G	Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, 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
BR	11/7/25 1635		Edon F.	11/8/25 0930	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks: 5|5

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs, FL 32701
Phone: 407-339-5984 Fax: 407-260-6110

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 670-64502.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-38990-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 11/18/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lyon Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SED-2 (752-38990-2)	11/6/25	09:25 Eastern	G	Solid			X	X	1	
SED-3 (752-38990-3)	11/6/25	09:10 Eastern	G	Solid			X	X	1	
SED-4 (752-38990-4)	11/6/25	08:05 Eastern	G	Solid			X	X	1	
SED-Dup (752-38990-5)	11/6/25	Eastern	G	Solid			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11.10.25 1700			11/11/25 936	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2665 1.7

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38990-1

Login Number: 38990

List Source: Eurofins Raleigh

List Number: 1

Creator: Ortiz, Daniel

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.	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.	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: S&ME Inc

Job Number: 752-38990-1

Login Number: 38990
List Number: 4
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 11/11/25 10:06 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does 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 present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38990-1

Login Number: 38990
List Number: 2
Creator: Santiago, Edwin

List Source: Eurofins Orlando
List Creation: 11/08/25 12:09 PM

Question	Answer	Comment
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.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, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38990-1

Login Number: 38990
List Number: 3
Creator: Wilson, Derek A

List Source: Eurofins Pensacola
List Creation: 11/08/25 11:24 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.	True	
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	2.7°C IR11 1.8°C IR11 0.4°C IR11 3.3°C IR11 4.9°C IR11
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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV– NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-1 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	5.3E-08	1.4E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.0E-09	1.1E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-1 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
104		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-1									
19		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-1									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-1 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	104	3.12	-	-		
127-18-4	Tetrachloroethylene	19	0.57	1.1E+01	8.3E+00	5.3E-08	1.4E-02

Cumulative:	5.3E-08	1.4E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-1 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	104	1.04	-	-		
127-18-4	Tetrachloroethylene	19	0.19	4.7E+01	3.5E+01	4.0E-09	1.1E-03
					Cumulative:	4.0E-09	1.1E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-2 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.1E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-2 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
98		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-2									
9.4	2-Propanol	67-63-0	Isopropanol			ug/m^3	LFGP-2									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	98	2.94	-	-		
67-63-0	Isopropanol	9.4	0.282	-	4.2E+01		1.4E-03
					Cumulative:	0.0E+00	1.4E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	98	0.98	-	-		
67-63-0	Isopropanol	9.4	0.094	-	1.8E+02		1.1E-04
					Cumulative:	0.0E+00	1.1E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-3 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-3 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
94		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-3									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	94	2.82	-	-		
					Cumulative:	0.0E+00	0.0E+00

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	94	0.94	-	-		
					Cumulative:	0.0E+00	0.0E+00

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-4 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
98		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-4									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	98	2.94	-	-		
					Cumulative:	0.0E+00	0.0E+00

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	98	0.98	-	-		
					Cumulative:	0.0E+00	0.0E+00

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.1E-06	6.8E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	8.6E-08	5.4E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-5 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
102		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-5									
4.6		67-66-3	Chloroform			ug/m^3	LFGP-5									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-5 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	102	3.06	-	-		
67-66-3	Chloroform	4.6	0.138	1.2E-01	4.1E-01	**1.1E-06**	6.8E-02
					Cumulative:	1.1E-06	6.8E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-5 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	102	1.02	-	-		
67-66-3	Chloroform	4.6	0.046	5.3E-01	1.7E+00	8.6E-08	5.4E-03
					Cumulative:	8.6E-08	5.4E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-6 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	7.8E-07	1.5E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	6.0E-08	1.2E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-6 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
9.4		71-43-2	Benzene			ug/m^3										
106		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-6									
8.2		110-82-7	Cyclohexane			ug/m^3	LFGP-6									
19		75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-6									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
71-43-2	Benzene	9.4	0.282	3.6E-01	6.3E+00	7.8E-07	9.0E-03
460-00-4	Bromo-4-fluorobenzene, 1-	106	3.18	-	-		
110-82-7	Cyclohexane	8.2	0.246	-	1.3E+03		3.9E-05
75-71-8	Dichlorodifluoromethane	19	0.57	-	2.1E+01		5.5E-03
					Cumulative:	7.8E-07	1.5E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
71-43-2	Benzene	9.4	0.094	1.6E+00	2.6E+01	6.0E-08	7.2E-04
460-00-4	Bromo-4-fluorobenzene, 1-	106	1.06	-	-		
110-82-7	Cyclohexane	8.2	0.082	-	5.3E+03		3.1E-06
75-71-8	Dichlorodifluoromethane	19	0.19	-	8.8E+01		4.3E-04
					Cumulative:	6.0E-08	1.2E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-7 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.6E-07	4.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.0E-08	3.5E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-7 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
3.1		71-43-2	Benzene			ug/m^3										
102		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-7									
35		75-15-0	Carbon Disulfide			ug/m^3	LFGP-7									
5.9		110-82-7	Cyclohexane			ug/m^3	LFGP-7									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-7 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
71-43-2	Benzene	3.1	0.093	3.6E-01	6.3E+00	2.6E-07	3.0E-03
460-00-4	Bromo-4-fluorobenzene, 1-	102	3.06	-	-		
75-15-0	Carbon Disulfide	35	1.05	-	1.5E+02		1.4E-03
110-82-7	Cyclohexane	5.9	0.177	-	1.3E+03		2.8E-05
					Cumulative:	2.6E-07	4.4E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-7 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
71-43-2	Benzene	3.1	0.031	1.6E+00	2.6E+01	2.0E-08	2.4E-04
460-00-4	Bromo-4-fluorobenzene, 1-	102	1.02	-	-		
75-15-0	Carbon Disulfide	35	0.35	-	6.1E+02		1.1E-04
110-82-7	Cyclohexane	5.9	0.059	-	5.3E+03		2.2E-06
					Cumulative:	2.0E-08	3.5E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-8 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.9E-07	4.9E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.4E-08	3.9E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-8 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
22		67-64-1	Acetone			ug/m^3										
103		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-8									
13		75-15-0	Carbon Disulfide			ug/m^3	LFGP-8									
68		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-8									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-8 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	22	0.66	-	-		
460-00-4	Bromo-4-fluorobenzene, 1-	103	3.09	-	-		
75-15-0	Carbon Disulfide	13	0.39	-	1.5E+02		5.3E-04
127-18-4	Tetrachloroethylene	68	2.04	1.1E+01	8.3E+00	1.9E-07	4.9E-02
					Cumulative:	1.9E-07	4.9E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-8 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	22	0.22	-	-		
460-00-4	Bromo-4-fluorobenzene, 1-	103	1.03	-	-		
75-15-0	Carbon Disulfide	13	0.13	-	6.1E+02		4.2E-05
127-18-4	Tetrachloroethylene	68	0.68	4.7E+01	3.5E+01	1.4E-08	3.9E-03
					Cumulative:	1.4E-08	3.9E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-9 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-9 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	9.8E-05	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	7.8E-06	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-9 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
97		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-9									
17		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-9									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-9 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	97	2.91	-	-		
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	17	0.51	-	1.0E+03		9.8E-05
					Cumulative:	0.0E+00	9.8E-05

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-9 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	97	0.97	-	-		
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	17	0.17	-	4.4E+03		7.8E-06
					Cumulative:	0.0E+00	7.8E-06

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	LFGP-10 Risk Assessment
Submittal Date:	12/26/2025
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-10 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.4E-08	5.9E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.1E-09	4.7E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-10 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
102		460-00-4	Bromo-4-fluorobenzene, 1-			ug/m^3	LFGP-10									
16	2-Propanol	67-63-0	Isopropanol			ug/m^3	LFGP-10									
5		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-10									

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-10 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	102	3.06	-	-		
67-63-0	Isopropanol	16	0.48	-	4.2E+01		2.3E-03
127-18-4	Tetrachloroethylene	5	0.15	1.1E+01	8.3E+00	1.4E-08	3.6E-03
					Cumulative:	1.4E-08	5.9E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: LFGP-10 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
460-00-4	Bromo-4-fluorobenzene, 1-	102	1.02	-	-		
67-63-0	Isopropanol	16	0.16	-	1.8E+02		1.8E-04
127-18-4	Tetrachloroethylene	5	0.05	4.7E+01	3.5E+01	1.1E-09	2.9E-04
					Cumulative:	1.1E-09	4.7E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	1/15/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-1 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.541	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-1									
50.4		7440-39-3	Barium			ug/L	SW-1									
0.115	J	7440-48-4	Cobalt			ug/L	SW-1									
2.82		7440-50-8	Copper			ug/L	SW-1									
0.509	J	7439-92-1	~Lead and Compounds			ug/L	SW-1									
49.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.18	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
0.632	J	7440-62-2	Vanadium and Compounds			ug/L	SW-1									
7.37		7440-66-6	Zinc and Compounds			ug/L	SW-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	4.7E-07	3.2E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-1 Risk Assessment

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.541	0.541	4.3E-07	4.3E-08	4.7E-07	7.1E-03	3.8E-04	7.5E-03
7440-39-3	Barium	50.4	50.4				9.9E-04	7.5E-04	1.7E-03
7440-48-4	Cobalt	0.115	0.115				1.5E-03	3.2E-05	1.5E-03
7440-50-8	Copper	2.82	2.82				2.8E-04	1.5E-05	2.9E-04
7439-92-1	~Lead and Compounds	0.509	0.509						
7439-96-5	Manganese (Non-diet)	49.8	49.8				8.2E-03	1.1E-02	1.9E-02
7440-02-0	Nickel Soluble Salts	1.18	1.18				2.3E-04	6.2E-05	2.9E-04
7440-62-2	Vanadium and Compounds	0.632	0.632				4.9E-04	1.0E-03	1.5E-03
7440-66-6	Zinc and Compounds	7.37	7.37				9.7E-05	3.1E-06	1.0E-04
					Cumulative:	4.7E-07			3.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-2 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-2 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.523	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-2									
49.3		7440-39-3	Barium			ug/L	SW-2									
0.121	J	7440-48-4	Cobalt			ug/L	SW-2									
3.37		7440-50-8	Copper			ug/L	SW-2									
0.729	J	7439-92-1	~Lead and Compounds			ug/L	SW-2									
41.9		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.27	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
164		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
0.588	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
8.22		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	4.6E-07	2.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-2 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.523	0.523	4.2E-07	4.1E-08	4.6E-07	6.9E-03	3.6E-04	7.2E-03
7440-39-3	Barium	49.3	49.3				9.7E-04	7.4E-04	1.7E-03
7440-48-4	Cobalt	0.121	0.121				1.6E-03	3.4E-05	1.6E-03
7440-50-8	Copper	3.37	3.37				3.3E-04	1.8E-05	3.5E-04
7439-92-1	~Lead and Compounds	0.729	0.729						
7439-96-5	Manganese (Non-diet)	41.9	41.9				6.9E-03	9.1E-03	1.6E-02
7440-02-0	Nickel Soluble Salts	1.27	1.27				2.5E-04	6.6E-05	3.2E-04
14797-55-8	Nitrate (measured as nitrogen)	164	164				4.0E-04	2.1E-05	4.3E-04
7440-62-2	Vanadium and Compounds	0.588	0.588				4.6E-04	9.4E-04	1.4E-03
7440-66-6	Zinc and Compounds	8.22	8.22				1.1E-04	3.4E-06	1.1E-04
					Cumulative:	4.6E-07			2.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-3 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-3 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.6	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-2									
48.8		7440-39-3	Barium			ug/L	SW-2									
0.196	J	7440-48-4	Cobalt			ug/L	SW-2									
3.99		7440-50-8	Copper			ug/L	SW-2									
1	J	7439-92-1	~Lead and Compounds			ug/L	SW-2									
54		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.26	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
60	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
0.637	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
11.5		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.3E-07	3.6E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-3 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.6	0.6	4.8E-07	4.7E-08	5.3E-07	7.9E-03	4.2E-04	8.3E-03
7440-39-3	Barium	48.8	48.8				9.6E-04	7.3E-04	1.7E-03
7440-48-4	Cobalt	0.196	0.196				2.6E-03	5.5E-05	2.6E-03
7440-50-8	Copper	3.99	3.99				3.9E-04	2.1E-05	4.1E-04
7439-92-1	~Lead and Compounds	1	1						
7439-96-5	Manganese (Non-diet)	54	54				8.9E-03	1.2E-02	2.1E-02
7440-02-0	Nickel Soluble Salts	1.26	1.26				2.5E-04	6.6E-05	3.1E-04
14797-55-8	Nitrate (measured as nitrogen)	60	60				1.5E-04	7.8E-06	1.6E-04
7440-62-2	Vanadium and Compounds	0.637	0.637				5.0E-04	1.0E-03	1.5E-03
7440-66-6	Zinc and Compounds	11.5	11.5				1.5E-04	4.8E-06	1.6E-04
					Cumulative:	5.3E-07			3.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-4/Duplicate-2 Risk Assessment
Submittal Date:	1/15/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-4/Duplicate-2 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.647	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-4/Duplicate-2									
51.4		7440-39-3	Barium			ug/L	SW-4/Duplicate-2									
0.213	J	7440-48-4	Cobalt			ug/L	SW-4/Duplicate-2									
3.65		7440-50-8	Copper			ug/L	SW-4/Duplicate-2									
0.736	J	7439-92-1	~Lead and Compounds			ug/L	SW-4/Duplicate-2									
81.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-4/Duplicate-2									
1.7	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4/Duplicate-2									
0.631	J	7440-62-2	Vanadium and Compounds			ug/L	SW-4/Duplicate-2									
7.94		7440-66-6	Zinc and Compounds			ug/L	SW-4/Duplicate-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-4/Duplicate-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.7E-07	4.7E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-4/Duplicate-2 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.647	0.647	5.2E-07	5.1E-08	5.7E-07	8.5E-03	4.5E-04	9.0E-03
7440-39-3	Barium	51.4	51.4				1.0E-03	7.7E-04	1.8E-03
7440-48-4	Cobalt	0.213	0.213				2.8E-03	5.9E-05	2.9E-03
7440-50-8	Copper	3.65	3.65				3.6E-04	1.9E-05	3.8E-04
7439-92-1	~Lead and Compounds	0.736	0.736						
7439-96-5	Manganese (Non-diet)	81.3	81.3				1.3E-02	1.8E-02	3.1E-02
7440-02-0	Nickel Soluble Salts	1.7	1.7				3.4E-04	8.9E-05	4.2E-04
7440-62-2	Vanadium and Compounds	0.631	0.631				4.9E-04	1.0E-03	1.5E-03
7440-66-6	Zinc and Compounds	7.94	7.94				1.0E-04	3.3E-06	1.1E-04
					Cumulative:	5.7E-07			4.7E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-5/Duplicate-1 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-5/Duplicate-1 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.685	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-7									
50.9		7440-39-3	Barium			ug/L	DUP2									
0.259	J	7440-48-4	Cobalt			ug/L	SW-5									
4.76		7440-50-8	Copper			ug/L	SW-5									
1.56	J	7439-92-1	~Lead and Compounds			ug/L	SW-5									
65.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.67	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
30	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
0.876	J	7440-62-2	Vanadium and Compounds			ug/L	SW-5									
10.2		7440-66-6	Zinc and Compounds			ug/L	SW-3									

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-5/Duplicate-1 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.685	0.685	5.5E-07	5.4E-08	6.0E-07	9.0E-03	4.8E-04	9.5E-03
7440-39-3	Barium	50.9	50.9				1.0E-03	7.6E-04	1.8E-03
7440-48-4	Cobalt	0.259	0.259				3.4E-03	7.2E-05	3.5E-03
7440-50-8	Copper	4.76	4.76				4.7E-04	2.5E-05	4.9E-04
7439-92-1	~Lead and Compounds	1.56	1.56						
7439-96-5	Manganese (Non-diet)	65.8	65.8				1.1E-02	1.4E-02	2.5E-02
7440-02-0	Nickel Soluble Salts	1.67	1.67				3.3E-04	8.7E-05	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	30	30				7.4E-05	3.9E-06	7.8E-05
7440-62-2	Vanadium and Compounds	0.876	0.876				6.9E-04	1.4E-03	2.1E-03
7440-66-6	Zinc and Compounds	10.2	10.2				1.3E-04	4.3E-06	1.4E-04
					Cumulative:	6.0E-07			4.3E-02

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-5/Duplicate-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	6.0E-07	4.3E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-6 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-6 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.665	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-6									
51.2		7440-39-3	Barium			ug/L	SW-6									
0.25	J	7440-48-4	Cobalt			ug/L	SW-6									
3.63		7440-50-8	Copper			ug/L	SW-6									
1.03	J	7439-92-1	–Lead and Compounds			ug/L	SW-6									
105		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
2.3	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
25	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
0.779	J	7440-62-2	Vanadium and Compounds			ug/L	DUP-1									
7.54		7440-66-6	Zinc and Compounds			ug/L	SW-3									

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.665	0.665	5.3E-07	5.2E-08	5.8E-07	8.7E-03	4.6E-04	9.2E-03
7440-39-3	Barium	51.2	51.2				1.0E-03	7.7E-04	1.8E-03
7440-48-4	Cobalt	0.25	0.25				3.3E-03	7.0E-05	3.4E-03
7440-50-8	Copper	3.63	3.63				3.6E-04	1.9E-05	3.8E-04
7439-92-1	~Lead and Compounds	1.03	1.03						
7439-96-5	Manganese (Non-diet)	105	105				1.7E-02	2.3E-02	4.0E-02
7440-02-0	Nickel Soluble Salts	2.3	2.3				4.5E-04	1.2E-04	5.7E-04
14797-55-8	Nitrate (measured as nitrogen)	25	25				6.2E-05	3.3E-06	6.5E-05
7440-62-2	Vanadium and Compounds	0.779	0.779				6.1E-04	1.2E-03	1.9E-03
7440-66-6	Zinc and Compounds	7.54	7.54				9.9E-05	3.2E-06	1.0E-04
					Cumulative:	5.8E-07			5.7E-02

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.8E-07	5.7E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-7 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-7 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.742	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-7									
48.6		7440-39-3	Barium			ug/L	DUP2									
0.19	J	7440-48-4	Cobalt			ug/L	SW-5									
2.89		7440-50-8	Copper			ug/L	SW-5									
1.02	J	7439-92-1	~Lead and Compounds			ug/L	SW-5									
56.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.4	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
12	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
0.72	J	7440-62-2	Vanadium and Compounds			ug/L	DUP1									
6.62		7440-66-6	Zinc and Compounds			ug/L	SW-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	6.5E-07	3.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-7 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.742	0.742	5.9E-07	5.8E-08	6.5E-07	9.8E-03	5.2E-04	1.0E-02
7440-39-3	Barium	48.6	48.6				9.6E-04	7.3E-04	1.7E-03
7440-48-4	Cobalt	0.19	0.19				2.5E-03	5.3E-05	2.6E-03
7440-50-8	Copper	2.89	2.89				2.9E-04	1.5E-05	3.0E-04
7439-92-1	~Lead and Compounds	1.02	1.02						
7439-96-5	Manganese (Non-diet)	56.3	56.3				9.3E-03	1.2E-02	2.2E-02
7440-02-0	Nickel Soluble Salts	1.4	1.4				2.8E-04	7.3E-05	3.5E-04
14797-55-8	Nitrate (measured as nitrogen)	12	12				3.0E-05	1.6E-06	3.1E-05
7440-62-2	Vanadium and Compounds	0.72	0.72				5.6E-04	1.1E-03	1.7E-03
7440-66-6	Zinc and Compounds	6.62	6.62				8.7E-05	2.8E-06	9.0E-05
					Cumulative:	6.5E-07			3.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-8 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-8 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.742	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-7									
48.3		7440-39-3	Barium			ug/L	DUP2									
0.152	J	7440-48-4	Cobalt			ug/L	SW-5									
2.57		7440-50-8	Copper			ug/L	SW-5									
0.676	J	7439-92-1	~Lead and Compounds			ug/L	SW-5									
59.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.31	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
96	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
0.719	J	7440-62-2	Vanadium and Compounds			ug/L	DUP1									
7.5		7440-66-6	Zinc and Compounds			ug/L	SW-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	6.5E-07	3.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-8 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.742	0.742	5.9E-07	5.8E-08	6.5E-07	9.8E-03	5.2E-04	1.0E-02
7440-39-3	Barium	48.3	48.3				9.5E-04	7.2E-04	1.7E-03
7440-48-4	Cobalt	0.152	0.152				2.0E-03	4.2E-05	2.0E-03
7440-50-8	Copper	2.57	2.57				2.5E-04	1.3E-05	2.7E-04
7439-92-1	~Lead and Compounds	0.676	0.676						
7439-96-5	Manganese (Non-diet)	59.3	59.3				9.7E-03	1.3E-02	2.3E-02
7440-02-0	Nickel Soluble Salts	1.31	1.31				2.6E-04	6.9E-05	3.3E-04
14797-55-8	Nitrate (measured as nitrogen)	96	96				2.4E-04	1.3E-05	2.5E-04
7440-62-2	Vanadium and Compounds	0.719	0.719				5.6E-04	1.1E-03	1.7E-03
7440-66-6	Zinc and Compounds	7.5	7.5				9.9E-05	3.1E-06	1.0E-04
					Cumulative:	6.5E-07			3.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SW-9 Risk Assessment
Submittal Date:	2/12/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-9 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

		CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.672	J	7440-38-2	Arsenic, Inorganic			ug/L	SW-7									
46.8		7440-39-3	Barium			ug/L	DUP2									
0.116	J	7440-48-4	Cobalt			ug/L	SW-5									
2.7		7440-50-8	Copper			ug/L	SW-5									
0.64	J	7439-92-1	–Lead and Compounds			ug/L	SW-5									
24.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.31	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
83	J	14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
0.679	J	7440-62-2	Vanadium and Compounds			ug/L	DUP1									
5.89		7440-66-6	Zinc and Compounds			ug/L	SW-3									

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-9 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.672	0.672	5.4E-07	5.3E-08	5.9E-07	8.8E-03	4.7E-04	9.3E-03
7440-39-3	Barium	46.8	46.8				9.2E-04	7.0E-04	1.6E-03
7440-48-4	Cobalt	0.116	0.116				1.5E-03	3.2E-05	1.6E-03
7440-50-8	Copper	2.7	2.7				2.7E-04	1.4E-05	2.8E-04
7439-92-1	~Lead and Compounds	0.64	0.64						
7439-96-5	Manganese (Non-diet)	24.3	24.3				4.0E-03	5.3E-03	9.3E-03
7440-02-0	Nickel Soluble Salts	1.31	1.31				2.6E-04	6.9E-05	3.3E-04
14797-55-8	Nitrate (measured as nitrogen)	83	83				2.0E-04	1.1E-05	2.2E-04
7440-62-2	Vanadium and Compounds	0.679	0.679				5.3E-04	1.1E-03	1.6E-03
7440-66-6	Zinc and Compounds	5.89	5.89				7.7E-05	2.5E-06	8.0E-05
					Cumulative:	5.9E-07			2.4E-02

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SW-9 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	5.9E-07	2.4E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	1/13/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-1 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0318		67-64-1	Acetone			mg/kg	SED-1									
0.845	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
21.2		7440-39-3	Barium			mg/kg	SED-1									
0.00585		75-15-0	Carbon Disulfide			mg/kg	SED-1									
527.4		18540-29-9	Chromium(VI)			mg/kg	SED-1									
2.34		7440-48-4	Cobalt			mg/kg	SED-1									
8.41		7440-50-8	Copper			mg/kg	SED-1									
0.3142		123-91-1	Dioxane, 1,4-			mg/kg	SED-1									
16.3		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
80.1		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
6.98		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
2.7	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.0477	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.0764	J	206-44-0	~Fluoranthene			mg/kg	SED-1									
0.0669	J	129-00-0	~Pyrene			mg/kg	SED-1									
6.49		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
55.5		7440-66-6	Zinc and Compounds			mg/kg	SED-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.5E-04	7.7E+00	YES
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.6E-05	5.1E-01	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.4E-04	3.3E+00	YES
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0318	0.0318	0.0318					4.5E-07			4.5E-07
7440-38-2	Arsenic, Inorganic	0.845	0.845	0.845	**1.1E-06**	1.5E-07	2.2E-11	1.2E-06	2.2E-02	2.6E-03	9.1E-07	2.4E-02
7440-39-3	Barium	21.2	21.2	21.2					1.4E-03		6.9E-07	1.4E-03
75-15-0	Carbon Disulfide	0.00585	0.00585	0.00585					7.5E-07		2.6E-06	3.3E-06
18540-29-9	Chromium(VI)	527.4	527.4	527.4	**5.5E-04**		9.6E-08	5.5E-04	**7.5E+00**		2.8E-04	**7.5E+00**
7440-48-4	Cobalt	2.34	2.34	2.34			1.3E-10	1.3E-10	1.0E-01		6.3E-06	1.0E-01
7440-50-8	Copper	8.41	8.41	8.41					2.7E-03			2.7E-03
123-91-1	Dioxane, 1,4-	0.3142	0.3142	0.3142	4.5E-08		1.3E-08	5.8E-08	1.3E-04		2.4E-04	3.7E-04
7439-92-1	~Lead and Compounds	16.3	16.3	16.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	80.1	80.1	80.1					4.3E-02		2.6E-05	4.3E-02
7440-02-0	Nickel Soluble Salts	6.98	6.98	6.98			1.1E-11	1.1E-11	4.5E-03		1.1E-05	4.5E-03
14797-55-8	Nitrate (measured as nitrogen)	2.7	2.7	2.7					2.2E-05			2.2E-05
205-99-2	~Benzo[b]fluoranthene	0.0477	0.0477	0.0477	3.1E-08	1.0E-08	4.8E-14	4.2E-08				
206-44-0	~Fluoranthene	0.0764	0.0764	0.0764					2.4E-05	7.5E-06		3.2E-05
129-00-0	~Pyrene	0.0669	0.0669	0.0669					2.9E-05	8.8E-06		3.7E-05
7440-62-2	Vanadium and Compounds	6.49	6.49	6.49					1.6E-02		1.0E-06	1.6E-02
7440-66-6	Zinc and Compounds	55.5	55.5	55.5					2.4E-03			2.4E-03
						Cumulative:		**5.5E-04**				**7.7E+00**

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0318	0.0318	0.0318					3.0E-08			3.0E-08
7440-38-2	Arsenic, Inorganic	0.845	0.845	0.845	2.3E-07	4.9E-08	5.0E-12	2.8E-07	1.4E-03	3.1E-04	2.2E-07	1.8E-03
7440-39-3	Barium	21.2	21.2	21.2					9.1E-05		1.6E-07	9.1E-05
75-15-0	Carbon Disulfide	0.00585	0.00585	0.00585					5.0E-08		6.1E-07	6.6E-07
18540-29-9	Chromium(VI)	527.4	527.4	527.4	**2.6E-05**		8.0E-09	**2.6E-05**	**5.0E-01**		6.8E-05	**5.0E-01**
7440-48-4	Cobalt	2.34	2.34	2.34			2.9E-11	2.9E-11	6.7E-03		1.5E-06	6.7E-03
7440-50-8	Copper	8.41	8.41	8.41					1.8E-04			1.8E-04
123-91-1	Dioxane, 1,4-	0.3142	0.3142	0.3142	9.6E-09		3.0E-09	1.3E-08	9.0E-06		5.7E-05	6.6E-05
7439-92-1	~Lead and Compounds	16.3	16.3	16.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	80.1	80.1	80.1					2.9E-03		6.2E-06	2.9E-03
7440-02-0	Nickel Soluble Salts	6.98	6.98	6.98			2.5E-12	2.5E-12	3.0E-04		2.7E-06	3.0E-04
14797-55-8	Nitrate (measured as nitrogen)	2.7	2.7	2.7					1.4E-06			1.4E-06
205-99-2	~Benzo[b]fluoranthene	0.0477	0.0477	0.0477	1.5E-09	8.0E-10	3.9E-15	2.3E-09				
206-44-0	~Fluoranthene	0.0764	0.0764	0.0764					1.6E-06	9.0E-07		2.5E-06
129-00-0	~Pyrene	0.0669	0.0669	0.0669					1.9E-06	1.1E-06		3.0E-06
7440-62-2	Vanadium and Compounds	6.49	6.49	6.49					1.1E-03		2.5E-07	1.1E-03
7440-66-6	Zinc and Compounds	55.5	55.5	55.5					1.6E-04			1.6E-04
						Cumulative:		2.6E-05				5.1E-01

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0318	0.0318	0.0318					1.9E-07			1.9E-07
7440-38-2	Arsenic, Inorganic	0.845	0.845	0.845	4.7E-07	6.6E-08	7.8E-13	5.3E-07	9.3E-03	1.1E-03	3.3E-08	1.0E-02
7440-39-3	Barium	21.2	21.2	21.2					5.8E-04		2.4E-08	5.8E-04
75-15-0	Carbon Disulfide	0.00585	0.00585	0.00585					3.2E-07		9.1E-08	4.1E-07
18540-29-9	Chromium(VI)	527.4	527.4	527.4	**2.4E-04**		3.4E-09	**2.4E-04**	**3.2E+00**		1.0E-05	**3.2E+00**
7440-48-4	Cobalt	2.34	2.34	2.34			4.5E-12	4.5E-12	4.3E-02		2.3E-07	4.3E-02
7440-50-8	Copper	8.41	8.41	8.41					1.2E-03			1.2E-03
123-91-1	Dioxane, 1,4-	0.3142	0.3142	0.3142	1.9E-08		4.7E-10	2.0E-08	5.7E-05		8.5E-06	6.6E-05
7439-92-1	~Lead and Compounds	16.3	16.3	16.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	80.1	80.1	80.1					1.8E-02		9.2E-07	1.8E-02
7440-02-0	Nickel Soluble Salts	6.98	6.98	6.98			3.9E-13	3.9E-13	1.9E-03		4.0E-07	1.9E-03
14797-55-8	Nitrate (measured as nitrogen)	2.7	2.7	2.7					9.2E-06			9.2E-06
205-99-2	~Benzo[b]fluoranthene	0.0477	0.0477	0.0477	1.3E-08	4.5E-09	1.7E-15	1.8E-08				
206-44-0	~Fluoranthene	0.0764	0.0764	0.0764					1.0E-05	3.2E-06		1.4E-05
129-00-0	~Pyrene	0.0669	0.0669	0.0669					1.2E-05	3.8E-06		1.6E-05
7440-62-2	Vanadium and Compounds	6.49	6.49	6.49					7.1E-03		3.7E-08	7.1E-03
7440-66-6	Zinc and Compounds	55.5	55.5	55.5					1.0E-03			1.0E-03
						Cumulative:		**2.4E-04**				**3.3E+00**

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	1/13/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-2 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0354		67-64-1	Acetone			mg/kg	SED-2									
1.15	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
25		7440-39-3	Barium			mg/kg	SED-2									
0.282	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.105	J	105-60-2	Caprolactam			mg/kg	SED-2									
0.0102		75-15-0	Carbon Disulfide			mg/kg	SED-2									
0.137	J	18540-29-9	Chromium(VI)			mg/kg	SED-2									
2.56		7440-48-4	Cobalt			mg/kg	SED-2									
6.35		7440-50-8	Copper			mg/kg	SED-2									
17.8		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
101		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
5.72		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
1.59	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.0582	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
0.107	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.0703	J	218-01-9	~Chrysene			mg/kg	SED-2									
0.119	J	206-44-0	~Fluoranthene			mg/kg	SED-2									
0.0552	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
0.098	J	129-00-0	~Pyrene			mg/kg	SED-2									
0.66	J	7782-49-2	Selenium			mg/kg	SED-2									
0.00121	J	108-88-3	Toluene			mg/kg	SED-2									
5.32		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
84.8		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.5E-06	2.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.3E-07	1.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.1E-06	9.8E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0354	0.0354	0.0354					5.0E-07			5.0E-07
7440-38-2	Arsenic, Inorganic	1.15	1.15	1.15	**1.5E-06**	2.1E-07	3.0E-11	1.7E-06	2.9E-02	3.5E-03	1.2E-06	3.3E-02
7440-39-3	Barium	25	25	25					1.6E-03		8.1E-07	1.6E-03
7440-41-7	Beryllium and compounds	0.282	0.282	0.282			4.1E-12	4.1E-12	1.8E-03		2.3E-07	1.8E-03
105-60-2	Caprolactam	0.105	0.105	0.105					2.7E-06	6.4E-07	7.7E-10	3.3E-06
75-15-0	Carbon Disulfide	0.0102	0.0102	0.0102					1.3E-06		4.4E-06	5.8E-06
18540-29-9	Chromium(VI)	0.137	0.137	0.137	1.4E-07		2.5E-11	1.4E-07	1.9E-03		7.4E-08	1.9E-03
7440-48-4	Cobalt	2.56	2.56	2.56			1.4E-10	1.4E-10	1.1E-01		6.9E-06	1.1E-01
7440-50-8	Copper	6.35	6.35	6.35					2.0E-03			2.0E-03
7439-92-1	~Lead and Compounds	17.8	17.8	17.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	101	101	101					5.4E-02		3.3E-05	5.4E-02
7440-02-0	Nickel Soluble Salts	5.72	5.72	5.72			8.9E-12	8.9E-12	3.7E-03		9.2E-06	3.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.59	1.59	1.59					1.3E-05			1.3E-05
50-32-8	~Benzo[a]pyrene	0.0582	0.0582	0.0582	3.8E-07	1.3E-07	5.8E-13	5.1E-07	2.5E-03	7.7E-04	4.7E-07	3.2E-03
205-99-2	~Benzo[b]fluoranthene	0.107	0.107	0.107	7.0E-08	2.3E-08	1.1E-13	9.3E-08				
218-01-9	~Chrysene	0.0703	0.0703	0.0703	4.6E-10	1.5E-10	7.0E-16	6.1E-10				
206-44-0	~Fluoranthene	0.119	0.119	0.119					3.8E-05	1.2E-05		5.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0552	0.0552	0.0552	3.6E-08	1.2E-08	5.5E-14	4.8E-08				
129-00-0	~Pyrene	0.098	0.098	0.098					4.2E-05	1.3E-05		5.5E-05
7782-49-2	Selenium	0.66	0.66	0.66					1.7E-03		5.3E-10	1.7E-03
108-88-3	Toluene	0.00121	0.00121	0.00121					1.9E-07		5.1E-08	2.4E-07
7440-62-2	Vanadium and Compounds	5.32	5.32	5.32					1.3E-02		8.6E-07	1.3E-02
7440-66-6	Zinc and Compounds	84.8	84.8	84.8					3.6E-03			3.6E-03
						Cumulative:		2.5E-06				2.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0354	0.0354	0.0354					3.4E-08			3.4E-08
7440-38-2	Arsenic, Inorganic	1.15	1.15	1.15	3.2E-07	6.7E-08	6.8E-12	3.8E-07	2.0E-03	4.2E-04	3.0E-07	2.4E-03
7440-39-3	Barium	25	25	25					1.1E-04		1.9E-07	1.1E-04
7440-41-7	Beryllium and compounds	0.282	0.282	0.282			9.3E-13	9.3E-13	1.2E-04		5.4E-08	1.2E-04
105-60-2	Caprolactam	0.105	0.105	0.105					1.8E-07	7.6E-08	1.8E-10	2.6E-07
75-15-0	Carbon Disulfide	0.0102	0.0102	0.0102					8.7E-08		1.1E-06	1.1E-06
18540-29-9	Chromium(VI)	0.137	0.137	0.137	6.7E-09		2.1E-12	6.7E-09	1.3E-04		1.8E-08	1.3E-04
7440-48-4	Cobalt	2.56	2.56	2.56			3.2E-11	3.2E-11	7.3E-03		1.6E-06	7.3E-03
7440-50-8	Copper	6.35	6.35	6.35					1.4E-04			1.4E-04
7439-92-1	~Lead and Compounds	17.8	17.8	17.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	101	101	101					3.6E-03		7.8E-06	3.6E-03
7440-02-0	Nickel Soluble Salts	5.72	5.72	5.72			2.0E-12	2.0E-12	2.4E-04		2.2E-06	2.5E-04
14797-55-8	Nitrate (measured as nitrogen)	1.59	1.59	1.59					8.5E-07			8.5E-07
50-32-8	~Benzo[a]pyrene	0.0582	0.0582	0.0582	1.8E-08	9.8E-09	4.8E-14	2.8E-08	1.7E-04	9.1E-05	1.1E-07	2.6E-04
205-99-2	~Benzo[b]fluoranthene	0.107	0.107	0.107	3.3E-09	1.8E-09	8.8E-15	5.1E-09				
218-01-9	~Chrysene	0.0703	0.0703	0.0703	2.1E-11	1.2E-11	5.8E-17	3.3E-11				
206-44-0	~Fluoranthene	0.119	0.119	0.119					2.5E-06	1.4E-06		3.9E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0552	0.0552	0.0552	1.7E-09	9.3E-10	4.6E-15	2.6E-09				
129-00-0	~Pyrene	0.098	0.098	0.098					2.8E-06	1.5E-06		4.3E-06
7782-49-2	Selenium	0.66	0.66	0.66					1.1E-04		1.3E-10	1.1E-04
108-88-3	Toluene	0.00121	0.00121	0.00121					1.3E-08		1.2E-08	2.5E-08
7440-62-2	Vanadium and Compounds	5.32	5.32	5.32					9.0E-04		2.0E-07	9.0E-04
7440-66-6	Zinc and Compounds	84.8	84.8	84.8					2.4E-04			2.4E-04
						Cumulative:		4.3E-07				1.6E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0354	0.0354	0.0354					2.2E-07			2.2E-07
7440-38-2	Arsenic, Inorganic	1.15	1.15	1.15	6.4E-07	9.0E-08	1.1E-12	7.3E-07	1.3E-02	1.5E-03	4.4E-08	1.4E-02
7440-39-3	Barium	25	25	25					6.8E-04		2.9E-08	6.8E-04
7440-41-7	Beryllium and compounds	0.282	0.282	0.282			1.5E-13	1.5E-13	7.7E-04		8.1E-09	7.7E-04
105-60-2	Caprolactam	0.105	0.105	0.105					1.2E-06	2.7E-07	2.8E-11	1.4E-06
75-15-0	Carbon Disulfide	0.0102	0.0102	0.0102					5.6E-07		1.6E-07	7.2E-07
18540-29-9	Chromium(VI)	0.137	0.137	0.137	6.1E-08		8.9E-13	6.1E-08	8.3E-04		2.6E-09	8.3E-04
7440-48-4	Cobalt	2.56	2.56	2.56			4.9E-12	4.9E-12	4.7E-02		2.5E-07	4.7E-02
7440-50-8	Copper	6.35	6.35	6.35					8.7E-04			8.7E-04
7439-92-1	~Lead and Compounds	17.8	17.8	17.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	101	101	101					2.3E-02		1.2E-06	2.3E-02
7440-02-0	Nickel Soluble Salts	5.72	5.72	5.72			3.2E-13	3.2E-13	1.6E-03		3.3E-07	1.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.59	1.59	1.59					5.4E-06			5.4E-06
50-32-8	~Benzo[a]pyrene	0.0582	0.0582	0.0582	1.6E-07	5.4E-08	2.1E-14	2.2E-07	1.1E-03	3.3E-04	1.7E-08	1.4E-03
205-99-2	~Benzo[b]fluoranthene	0.107	0.107	0.107	3.0E-08	1.0E-08	3.8E-15	4.0E-08				
218-01-9	~Chrysene	0.0703	0.0703	0.0703	2.0E-10	6.6E-11	2.5E-17	2.6E-10				
206-44-0	~Fluoranthene	0.119	0.119	0.119					1.6E-05	5.0E-06		2.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0552	0.0552	0.0552	1.5E-08	5.2E-09	2.0E-15	2.1E-08				
129-00-0	~Pyrene	0.098	0.098	0.098					1.8E-05	5.5E-06		2.3E-05
7782-49-2	Selenium	0.66	0.66	0.66					7.2E-04		1.9E-11	7.2E-04
108-88-3	Toluene	0.00121	0.00121	0.00121					8.3E-08		1.8E-09	8.5E-08
7440-62-2	Vanadium and Compounds	5.32	5.32	5.32					5.8E-03		3.1E-08	5.8E-03
7440-66-6	Zinc and Compounds	84.8	84.8	84.8					1.5E-03			1.5E-03
						Cumulative:		1.1E-06				9.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	1/13/2026
Prepared By:	Brandon Governo
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0183	J	67-64-1	Acetone			mg/kg	SED-3									
1.06	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
29		7440-39-3	Barium			mg/kg	SED-3									
0.215	J	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
3.52		7440-48-4	Cobalt			mg/kg	SED-3									
14.2		7440-50-8	Copper			mg/kg	SED-3									
34.6		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
110		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
10.7		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
4.84		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-3									
0.0663	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.0644	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.0894	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.0675	J	218-01-9	~Chrysene			mg/kg	SED-3									
0.12	J	206-44-0	~Fluoranthene			mg/kg	SED-3									
0.096	J	129-00-0	~Pyrene			mg/kg	SED-3									
0.299	J	7782-49-2	Selenium			mg/kg	SED-3									
10.9		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
83.4		7440-66-6	Zinc and Compounds			mg/kg	SED-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.6E-06	2.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.9E-07	2.0E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	9.7E-07	1.2E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0183	0.0183	0.0183					2.6E-07			2.6E-07
7440-38-2	Arsenic, Inorganic	1.06	1.06	1.06	**1.4E-06**	1.9E-07	2.7E-11	1.6E-06	2.7E-02	3.2E-03	1.1E-06	3.0E-02
7440-39-3	Barium	29	29	29					1.9E-03		9.4E-07	1.9E-03
7440-41-7	Beryllium and compounds	0.215	0.215	0.215			3.1E-12	3.1E-12	1.4E-03		1.7E-07	1.4E-03
7440-48-4	Cobalt	3.52	3.52	3.52			1.9E-10	1.9E-10	1.5E-01		9.5E-06	1.5E-01
7440-50-8	Copper	14.2	14.2	14.2					4.5E-03			4.5E-03
7439-92-1	~Lead and Compounds	34.6	34.6	34.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	110	110	110					5.9E-02		3.6E-05	5.9E-02
7440-02-0	Nickel Soluble Salts	10.7	10.7	10.7			1.7E-11	1.7E-11	6.8E-03		1.7E-05	6.9E-03
14797-55-8	Nitrate (measured as nitrogen)	4.84	4.84	4.84					3.9E-05			3.9E-05
56-55-3	~Benz[a]anthracene	0.0663	0.0663	0.0663	4.3E-08	1.4E-08	8.4E-10	5.9E-08				
50-32-8	~Benzo[a]pyrene	0.0644	0.0644	0.0644	4.2E-07	1.4E-07	6.4E-13	5.6E-07	2.7E-03	8.5E-04	5.2E-07	3.6E-03
205-99-2	~Benzo[b]fluoranthene	0.0894	0.0894	0.0894	5.8E-08	1.9E-08	8.9E-14	7.8E-08				
218-01-9	~Chrysene	0.0675	0.0675	0.0675	4.4E-10	1.5E-10	6.7E-16	5.9E-10				
206-44-0	~Fluoranthene	0.12	0.12	0.12					3.8E-05	1.2E-05		5.0E-05
129-00-0	~Pyrene	0.096	0.096	0.096					4.1E-05	1.3E-05		5.4E-05
7782-49-2	Selenium	0.299	0.299	0.299					7.6E-04		2.4E-10	7.6E-04
7440-62-2	Vanadium and Compounds	10.9	10.9	10.9					2.8E-02		1.8E-06	2.8E-02
7440-66-6	Zinc and Compounds	83.4	83.4	83.4					3.6E-03			3.6E-03
						Cumulative:		2.3E-06				2.9E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0183	0.0183	0.0183					1.7E-08			1.7E-08
7440-38-2	Arsenic, Inorganic	1.06	1.06	1.06	2.9E-07	6.2E-08	6.3E-12	3.5E-07	1.8E-03	3.8E-04	2.7E-07	2.2E-03
7440-39-3	Barium	29	29	29					1.2E-04		2.2E-07	1.2E-04
7440-41-7	Beryllium and compounds	0.215	0.215	0.215			7.1E-13	7.1E-13	9.2E-05		4.1E-08	9.2E-05
7440-48-4	Cobalt	3.52	3.52	3.52			4.4E-11	4.4E-11	1.0E-02		2.3E-06	1.0E-02
7440-50-8	Copper	14.2	14.2	14.2					3.0E-04			3.0E-04
7439-92-1	~Lead and Compounds	34.6	34.6	34.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	110	110	110					3.9E-03		8.5E-06	3.9E-03
7440-02-0	Nickel Soluble Salts	10.7	10.7	10.7			3.8E-12	3.8E-12	4.6E-04		4.1E-06	4.6E-04
14797-55-8	Nitrate (measured as nitrogen)	4.84	4.84	4.84					2.6E-06			2.6E-06
56-55-3	~Benz[a]anthracene	0.0663	0.0663	0.0663	2.0E-09	1.1E-09	6.9E-11	3.2E-09				
50-32-8	~Benzo[a]pyrene	0.0644	0.0644	0.0644	2.0E-08	1.1E-08	5.3E-14	3.1E-08	1.8E-04	1.0E-04	1.2E-07	2.9E-04
205-99-2	~Benzo[b]fluoranthene	0.0894	0.0894	0.0894	2.7E-09	1.5E-09	7.4E-15	4.2E-09				
218-01-9	~Chrysene	0.0675	0.0675	0.0675	2.1E-11	1.1E-11	5.6E-17	3.2E-11				
206-44-0	~Fluoranthene	0.12	0.12	0.12					2.6E-06	1.4E-06		4.0E-06
129-00-0	~Pyrene	0.096	0.096	0.096					2.7E-06	1.5E-06		4.2E-06
7782-49-2	Selenium	0.299	0.299	0.299					5.1E-05		5.8E-11	5.1E-05
7440-62-2	Vanadium and Compounds	10.9	10.9	10.9					1.9E-03		4.2E-07	1.9E-03
7440-66-6	Zinc and Compounds	83.4	83.4	83.4					2.4E-04			2.4E-04
						Cumulative:		3.9E-07				2.0E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0183	0.0183	0.0183					1.1E-07			1.1E-07
7440-38-2	Arsenic, Inorganic	1.06	1.06	1.06	5.9E-07	8.3E-08	9.8E-13	6.7E-07	1.2E-02	1.4E-03	4.1E-08	1.3E-02
7440-39-3	Barium	29	29	29					7.9E-04		3.3E-08	7.9E-04
7440-41-7	Beryllium and compounds	0.215	0.215	0.215			1.1E-13	1.1E-13	5.9E-04		6.2E-09	5.9E-04
7440-48-4	Cobalt	3.52	3.52	3.52			6.8E-12	6.8E-12	6.4E-02		3.4E-07	6.4E-02
7440-50-8	Copper	14.2	14.2	14.2					1.9E-03			1.9E-03
7439-92-1	~Lead and Compounds	34.6	34.6	34.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	110	110	110					2.5E-02		1.3E-06	2.5E-02
7440-02-0	Nickel Soluble Salts	10.7	10.7	10.7			6.0E-13	6.0E-13	2.9E-03		6.2E-07	2.9E-03
14797-55-8	Nitrate (measured as nitrogen)	4.84	4.84	4.84					1.7E-05			1.7E-05
56-55-3	~Benz[a]anthracene	0.0663	0.0663	0.0663	1.9E-08	6.2E-09	3.0E-11	2.5E-08				
50-32-8	~Benzo[a]pyrene	0.0644	0.0644	0.0644	1.8E-07	6.0E-08	2.3E-14	2.4E-07	1.2E-03	3.6E-04	1.9E-08	1.5E-03
205-99-2	~Benzo[b]fluoranthene	0.0894	0.0894	0.0894	2.5E-08	8.3E-09	3.2E-15	3.3E-08				
218-01-9	~Chrysene	0.0675	0.0675	0.0675	1.9E-10	6.3E-11	2.4E-17	2.5E-10				
206-44-0	~Fluoranthene	0.12	0.12	0.12					1.6E-05	5.1E-06		2.2E-05
129-00-0	~Pyrene	0.096	0.096	0.096					1.8E-05	5.4E-06		2.3E-05
7782-49-2	Selenium	0.299	0.299	0.299					3.3E-04		8.6E-12	3.3E-04
7440-62-2	Vanadium and Compounds	10.9	10.9	10.9					1.2E-02		6.3E-08	1.2E-02
7440-66-6	Zinc and Compounds	83.4	83.4	83.4					1.5E-03			1.5E-03
						Cumulative:		9.7E-07				1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-4/SED-DUP-2 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-4/SED-DUP-2 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0374	J	67-64-1	Acetone			mg/kg	SED-8									
0.857	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
37.7		7440-39-3	Barium			mg/kg	SED-9									
0.00105	J	71-43-2	Benzene			mg/kg	ED-4/SED-DUP-2									
0.182	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.0682	J	105-60-2	Caprolactam			mg/kg	DUP-1									
0.223	J	18540-29-9	Chromium(VI)			mg/kg	SED-7									
2.95		7440-48-4	Cobalt			mg/kg	SED-9									
14		7440-50-8	Copper			mg/kg	SED-9									
225		7439-92-1	~Lead and Compounds			mg/kg	ED-4/SED-DUP-2									
86.8		7439-96-5	Manganese (Non-diet)			mg/kg	ED-4/SED-DUP-2									
7.54		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
5.36		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.0494	J	120-12-7	~Anthracene			mg/kg	DUP-2									
0.337	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-7									
0.302	J	50-32-8	~Benzo[a]pyrene			mg/kg	ED-4/SED-DUP-2									
0.528		205-99-2	~Benzo[b]fluoranthene			mg/kg	ED-4/SED-DUP-2									
0.176	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	ED-4/SED-DUP-2									
0.308	J	218-01-9	~Chrysene			mg/kg	ED-4/SED-DUP-2									
0.0425	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	ED-4/SED-DUP-2									
0.49	J	206-44-0	~Fluoranthene			mg/kg	ED-4/SED-DUP-2									
0.227	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	ED-4/SED-DUP-2									
0.464	J	129-00-0	~Pyrene			mg/kg	ED-4/SED-DUP-2									
0.349	J	7782-49-2	Selenium			mg/kg										
0.00134	J	108-88-3	Toluene			mg/kg	ED-4/SED-DUP-2									
9.03		7440-62-2	Vanadium and Compounds			mg/kg	ED-4/SED-DUP-2									
49.8		7440-66-6	Zinc and Compounds			mg/kg	ED-4/SED-DUP-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-4/SED-DUP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.5E-06	2.5E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.1E-07	1.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.3E-06	1.1E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-4/SED-DUP-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0374	0.0374	0.0374					5.3E-07			5.3E-07
7440-38-2	Arsenic, Inorganic	0.857	0.857	0.857	**1.1E-06**	1.6E-07	2.2E-11	1.3E-06	2.2E-02	2.6E-03	9.2E-07	2.5E-02
7440-39-3	Barium	37.7	37.7	37.7					2.4E-03		1.2E-06	2.4E-03
71-43-2	Benzene	0.00105	0.00105	0.00105	8.3E-11		7.7E-10	8.6E-10	3.4E-06		8.9E-06	1.2E-05
105-60-2	Caprolactam	0.0682	0.0682	0.0682					1.7E-06	4.1E-07	5.0E-10	2.2E-06
18540-29-9	Chromium(VI)	0.223	0.223	0.223	2.3E-07		4.1E-11	2.3E-07	3.2E-03		1.2E-07	3.2E-03
7440-48-4	Cobalt	2.95	2.95	2.95			1.6E-10	1.6E-10	1.3E-01		7.9E-06	1.3E-01
7440-50-8	Copper	14	14	14					4.5E-03			4.5E-03
7439-92-1	~Lead and Compounds	225	225	225					**>SL****	**>SL****	**>SL****	
7439-96-5	Manganese (Non-diet)	86.8	86.8	86.8					4.6E-02		2.8E-05	4.6E-02
7440-02-0	Nickel Soluble Salts	7.54	7.54	7.54			1.2E-11	1.2E-11	4.8E-03		1.2E-05	4.8E-03
14797-55-8	Nitrate (measured as nitrogen)	5.36	5.36	5.36					4.3E-05			4.3E-05
56-55-3	~Benz[a]anthracene	0.337	0.337	0.337	2.2E-07	7.3E-08	4.3E-09	3.0E-07				
50-32-8	~Benzo[a]pyrene	0.302	0.302	0.302	**2.0E-06**	6.6E-07	3.0E-12	2.6E-06	1.3E-02	4.0E-03	2.4E-06	1.7E-02
205-99-2	~Benzo[b]fluoranthene	0.528	0.528	0.528	3.4E-07	1.2E-07	5.3E-13	4.6E-07				
207-08-9	~Benzo[k]fluoranthene	0.176	0.176	0.176	1.1E-08	3.8E-09	1.8E-14	1.5E-08				
218-01-9	~Chrysene	0.308	0.308	0.308	2.0E-09	6.7E-10	3.1E-15	2.7E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0425	0.0425	0.0425	2.8E-07	9.3E-08	4.2E-13	3.7E-07				
206-44-0	~Fluoranthene	0.49	0.49	0.49					1.6E-04	4.8E-05		2.0E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.227	0.227	0.227	1.5E-07	4.9E-08	2.3E-13	2.0E-07				
129-00-0	~Pyrene	0.464	0.464	0.464					2.0E-04	6.1E-05		2.6E-04
108-88-3	Toluene	0.00134	0.00134	0.00134					2.1E-07		5.6E-08	2.7E-07
7440-62-2	Vanadium and Compounds	9.03	9.03	9.03					2.3E-02		1.5E-06	2.3E-02
7440-66-6	Zinc and Compounds	49.8	49.8	49.8					2.1E-03			2.1E-03
						Cumulative:		5.5E-06				2.5E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-4/SED-DUP-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0374	0.0374	0.0374					3.6E-08			3.6E-08
7440-38-2	Arsenic, Inorganic	0.857	0.857	0.857	2.4E-07	5.0E-08	5.1E-12	2.9E-07	1.5E-03	3.1E-04	2.2E-07	1.8E-03
7440-39-3	Barium	37.7	37.7	37.7					1.6E-04		2.9E-07	1.6E-04
71-43-2	Benzene	0.00105	0.00105	0.00105	1.8E-11		1.8E-10	2.0E-10	2.2E-07		2.1E-06	2.3E-06
105-60-2	Caprolactam	0.0682	0.0682	0.0682					1.2E-07	4.9E-08	1.2E-10	1.7E-07
18540-29-9	Chromium(VI)	0.223	0.223	0.223	1.1E-08		3.4E-12	1.1E-08	2.1E-04		2.9E-08	2.1E-04
7440-48-4	Cobalt	2.95	2.95	2.95			3.6E-11	3.6E-11	8.4E-03		1.9E-06	8.4E-03
7440-50-8	Copper	14	14	14					3.0E-04			3.0E-04
7439-92-1	~Lead and Compounds	225	225	225					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	86.8	86.8	86.8					3.1E-03		6.7E-06	3.1E-03
7440-02-0	Nickel Soluble Salts	7.54	7.54	7.54			2.7E-12	2.7E-12	3.2E-04		2.9E-06	3.3E-04
14797-55-8	Nitrate (measured as nitrogen)	5.36	5.36	5.36					2.9E-06			2.9E-06
56-55-3	~Benz[a]anthracene	0.337	0.337	0.337	1.0E-08	5.7E-09	3.5E-10	1.6E-08				
50-32-8	~Benzo[a]pyrene	0.302	0.302	0.302	9.2E-08	5.1E-08	2.5E-13	1.4E-07	8.6E-04	4.7E-04	5.8E-07	1.3E-03
205-99-2	~Benzo[b]fluoranthene	0.528	0.528	0.528	1.6E-08	8.9E-09	4.4E-14	2.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.176	0.176	0.176	5.4E-10	3.0E-10	1.5E-15	8.3E-10				
218-01-9	~Chrysene	0.308	0.308	0.308	9.4E-11	5.2E-11	2.5E-16	1.5E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0425	0.0425	0.0425	1.3E-08	7.2E-09	3.5E-14	2.0E-08				
206-44-0	~Fluoranthene	0.49	0.49	0.49					1.0E-05	5.8E-06		1.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.227	0.227	0.227	6.9E-09	3.8E-09	1.9E-14	1.1E-08				
129-00-0	~Pyrene	0.464	0.464	0.464					1.3E-05	7.3E-06		2.1E-05
108-88-3	Toluene	0.00134	0.00134	0.00134					1.4E-08		1.3E-08	2.8E-08
7440-62-2	Vanadium and Compounds	9.03	9.03	9.03					1.5E-03		3.5E-07	1.5E-03
7440-66-6	Zinc and Compounds	49.8	49.8	49.8					1.4E-04			1.4E-04
						Cumulative:		5.1E-07				1.7E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-4/SED-DUP-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0374	0.0374	0.0374					2.3E-07			2.3E-07
7440-38-2	Arsenic, Inorganic	0.857	0.857	0.857	4.8E-07	6.7E-08	7.9E-13	5.4E-07	9.4E-03	1.1E-03	3.3E-08	1.1E-02
7440-39-3	Barium	37.7	37.7	37.7					1.0E-03		4.4E-08	1.0E-03
71-43-2	Benzene	0.00105	0.00105	0.00105	3.6E-11		2.8E-11	6.3E-11	1.4E-06		3.2E-07	1.8E-06
105-60-2	Caprolactam	0.0682	0.0682	0.0682					7.5E-07	1.8E-07	1.8E-11	9.2E-07
18540-29-9	Chromium(VI)	0.223	0.223	0.223	1.0E-07		1.5E-12	1.0E-07	1.4E-03		4.3E-09	1.4E-03
7440-48-4	Cobalt	2.95	2.95	2.95			5.7E-12	5.7E-12	5.4E-02		2.8E-07	5.4E-02
7440-50-8	Copper	14	14	14					1.9E-03			1.9E-03
7439-92-1	~Lead and Compounds	225	225	225					**>SL****	**>SL****	**>SL****	
7439-96-5	Manganese (Non-diet)	86.8	86.8	86.8					2.0E-02		1.0E-06	2.0E-02
7440-02-0	Nickel Soluble Salts	7.54	7.54	7.54			4.2E-13	4.2E-13	2.1E-03		4.4E-07	2.1E-03
14797-55-8	Nitrate (measured as nitrogen)	5.36	5.36	5.36					1.8E-05			1.8E-05
56-55-3	~Benz[a]anthracene	0.337	0.337	0.337	9.4E-08	3.1E-08	1.5E-10	1.3E-07				
50-32-8	~Benzo[a]pyrene	0.302	0.302	0.302	8.5E-07	2.8E-07	1.1E-13	**1.1E-06**	5.5E-03	1.7E-03	8.7E-08	7.2E-03
205-99-2	~Benzo[b]fluoranthene	0.528	0.528	0.528	1.5E-07	4.9E-08	1.9E-14	2.0E-07				
207-08-9	~Benzo[k]fluoranthene	0.176	0.176	0.176	4.9E-09	1.6E-09	6.3E-16	6.6E-09				
218-01-9	~Chrysene	0.308	0.308	0.308	8.6E-10	2.9E-10	1.1E-16	1.1E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0425	0.0425	0.0425	1.2E-07	4.0E-08	1.5E-14	1.6E-07				
206-44-0	~Fluoranthene	0.49	0.49	0.49					6.7E-05	2.1E-05		8.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.227	0.227	0.227	6.4E-08	2.1E-08	8.1E-15	8.5E-08				
129-00-0	~Pyrene	0.464	0.464	0.464					8.5E-05	2.6E-05		1.1E-04
108-88-3	Toluene	0.00134	0.00134	0.00134					9.2E-08		2.0E-09	9.4E-08
7440-62-2	Vanadium and Compounds	9.03	9.03	9.03					9.8E-03		5.2E-08	9.8E-03
7440-66-6	Zinc and Compounds	49.8	49.8	49.8					9.1E-04			9.1E-04
						Cumulative:		2.3E-06				1.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-5/SED-DUP-1 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-5/SED-DUP-1 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0369	J	67-64-1	Acetone			mg/kg	SED-8									
0.451	J F1	7664-41-7	Ammonia			mg/kg	SED-8									
0.724		7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
22.8	F1	7440-39-3	Barium			mg/kg	SED-9									
0.0937	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.098	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
0.0894	J I	105-60-2	Caprolactam			mg/kg	SED-8									
0.175	J	18540-29-9	Chromium(VI)			mg/kg	SED-7									
3.1		7440-48-4	Cobalt			mg/kg	SED-6									
17.2		7440-50-8	Copper			mg/kg	SED-9									
28.6	F2 F1	7439-92-1	~Lead and Compounds			mg/kg	SED-4									
75.2		7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
9.61		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
2.99	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.173	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-9									
0.177	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-9									
0.248	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.0933	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-7									
0.193	J	218-01-9	~Chrysene			mg/kg	SED-7									
0.406	J	206-44-0	~Fluoranthene			mg/kg	DUP-2									
0.132	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-9									
0.317	J	129-00-0	~Pyrene			mg/kg	SED-7									
0.838	J B	7782-49-2	Selenium			mg/kg	SED-5/SED-DUP-1									
0.0223	J	7440-22-4	Silver			mg/kg	SED-9									
14.4	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
56.9	F2	7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-5/SED-DUP-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.3E-06	2.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.6E-07	1.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.4E-06	1.2E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-5/SED-DUP-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0369	0.0369	0.0369					5.2E-07			5.2E-07
7664-41-7	Ammonia	0.451	0.451	0.451							1.5E-11	1.5E-11
7440-38-2	Arsenic, Inorganic	0.724	0.724	0.724	9.4E-07	1.3E-07	1.9E-11	1.1E-06	1.9E-02	2.2E-03	7.8E-07	2.1E-02
7440-39-3	Barium	22.8	22.8	22.8					1.5E-03		7.4E-07	1.5E-03
7440-41-7	Beryllium and compounds	0.0937	0.0937	0.0937			1.4E-12	1.4E-12	6.0E-04		7.6E-08	6.0E-04
7440-43-9	Cadmium (Diet)	0.098	0.098	0.098			1.1E-12	1.1E-12	1.3E-02	1.2E-03	1.6E-07	1.4E-02
105-60-2	Caprolactam	0.0894	0.0894	0.0894					2.3E-06	5.4E-07	6.6E-10	2.8E-06
18540-29-9	Chromium(VI)	0.175	0.175	0.175	1.8E-07		3.2E-11	1.8E-07	2.5E-03		9.4E-08	2.5E-03
7440-48-4	Cobalt	3.1	3.1	3.1			1.7E-10	1.7E-10	1.3E-01		8.4E-06	1.3E-01
7440-50-8	Copper	17.2	17.2	17.2					5.5E-03			5.5E-03
7439-92-1	~Lead and Compounds	28.6	28.6	28.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	75.2	75.2	75.2					4.0E-02		2.4E-05	4.0E-02
7440-02-0	Nickel Soluble Salts	9.61	9.61	9.61			1.5E-11	1.5E-11	6.1E-03		1.6E-05	6.2E-03
14797-55-8	Nitrate (measured as nitrogen)	2.99	2.99	2.99					2.4E-05			2.4E-05
56-55-3	~Benz[a]anthracene	0.173	0.173	0.173	1.1E-07	3.8E-08	2.2E-09	1.5E-07				
50-32-8	~Benzo[a]pyrene	0.177	0.177	0.177	**1.2E-06**	3.9E-07	1.8E-12	1.5E-06	7.5E-03	2.3E-03	1.4E-06	9.9E-03
205-99-2	~Benzo[b]fluoranthene	0.248	0.248	0.248	1.6E-07	5.4E-08	2.5E-13	2.2E-07				
218-01-9	~Chrysene	0.193	0.193	0.193	1.3E-09	4.2E-10	1.9E-15	1.7E-09				
206-44-0	~Fluoranthene	0.406	0.406	0.406					1.3E-04	4.0E-05		1.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.132	0.132	0.132	8.6E-08	2.9E-08	1.3E-13	1.1E-07				
129-00-0	~Pyrene	0.317	0.317	0.317					1.4E-04	4.2E-05		1.8E-04
7782-49-2	Selenium	0.838	0.838	0.838					2.1E-03		6.8E-10	2.1E-03
7440-22-4	Silver	0.0223	0.0223	0.0223					5.7E-05			5.7E-05
7440-62-2	Vanadium and Compounds	14.4	14.4	14.4					3.7E-02		2.3E-06	3.7E-02
7440-66-6	Zinc and Compounds	56.9	56.9	56.9					2.4E-03			2.4E-03
						Cumulative:		3.3E-06				2.7E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-5/SED-DUP-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0369	0.0369	0.0369					3.5E-08			3.5E-08
7664-41-7	Ammonia	0.451	0.451	0.451							3.5E-12	3.5E-12
7440-38-2	Arsenic, Inorganic	0.724	0.724	0.724	2.0E-07	4.2E-08	4.3E-12	2.4E-07	1.2E-03	2.6E-04	1.9E-07	1.5E-03
7440-39-3	Barium	22.8	22.8	22.8					9.8E-05		1.8E-07	9.8E-05
7440-41-7	Beryllium and compounds	0.0937	0.0937	0.0937			3.1E-13	3.1E-13	4.0E-05		1.8E-08	4.0E-05
7440-43-9	Cadmium (Diet)	0.098	0.098	0.098			2.4E-13	2.4E-13	8.4E-04	1.4E-04	3.8E-08	9.8E-04
105-60-2	Caprolactam	0.0894	0.0894	0.0894					1.5E-07	6.5E-08	1.6E-10	2.2E-07
18540-29-9	Chromium(VI)	0.175	0.175	0.175	8.6E-09		2.6E-12	8.6E-09	1.7E-04		2.2E-08	1.7E-04
7440-48-4	Cobalt	3.1	3.1	3.1			3.8E-11	3.8E-11	8.8E-03		2.0E-06	8.8E-03
7440-50-8	Copper	17.2	17.2	17.2					3.7E-04			3.7E-04
7439-92-1	~Lead and Compounds	28.6	28.6	28.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	75.2	75.2	75.2					2.7E-03		5.8E-06	2.7E-03
7440-02-0	Nickel Soluble Salts	9.61	9.61	9.61			3.4E-12	3.4E-12	4.1E-04		3.7E-06	4.2E-04
14797-55-8	Nitrate (measured as nitrogen)	2.99	2.99	2.99					1.6E-06			1.6E-06
56-55-3	~Benz[a]anthracene	0.173	0.173	0.173	5.3E-09	2.9E-09	1.8E-10	8.4E-09				
50-32-8	~Benzo[a]pyrene	0.177	0.177	0.177	5.4E-08	3.0E-08	1.5E-13	8.4E-08	5.1E-04	2.8E-04	3.4E-07	7.8E-04
205-99-2	~Benzo[b]fluoranthene	0.248	0.248	0.248	7.6E-09	4.2E-09	2.0E-14	1.2E-08				
218-01-9	~Chrysene	0.193	0.193	0.193	5.9E-11	3.2E-11	1.6E-16	9.1E-11				
206-44-0	~Fluoranthene	0.406	0.406	0.406					8.7E-06	4.8E-06		1.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.132	0.132	0.132	4.0E-09	2.2E-09	1.1E-14	6.3E-09				
129-00-0	~Pyrene	0.317	0.317	0.317					9.0E-06	5.0E-06		1.4E-05
7782-49-2	Selenium	0.838	0.838	0.838					1.4E-04		1.6E-10	1.4E-04
7440-22-4	Silver	0.0223	0.0223	0.0223					3.8E-06			3.8E-06
7440-62-2	Vanadium and Compounds	14.4	14.4	14.4					2.4E-03		5.5E-07	2.4E-03
7440-66-6	Zinc and Compounds	56.9	56.9	56.9					1.6E-04			1.6E-04
						Cumulative:		3.6E-07				1.9E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-5/SED-DUP-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0369	0.0369	0.0369					2.2E-07			2.2E-07
7664-41-7	Ammonia	0.451	0.451	0.451							5.2E-13	5.2E-13
7440-38-2	Arsenic, Inorganic	0.724	0.724	0.724	4.0E-07	5.7E-08	6.7E-13	4.6E-07	7.9E-03	9.4E-04	2.8E-08	8.9E-03
7440-39-3	Barium	22.8	22.8	22.8					6.2E-04		2.6E-08	6.2E-04
7440-41-7	Beryllium and compounds	0.0937	0.0937	0.0937			4.8E-14	4.8E-14	2.6E-04		2.7E-09	2.6E-04
7440-43-9	Cadmium (Diet)	0.098	0.098	0.098			3.8E-14	3.8E-14	5.4E-03	5.1E-04	5.7E-09	5.9E-03
105-60-2	Caprolactam	0.0894	0.0894	0.0894					9.8E-07	2.3E-07	2.3E-11	1.2E-06
18540-29-9	Chromium(VI)	0.175	0.175	0.175	7.8E-08		1.1E-12	7.8E-08	1.1E-03		3.4E-09	1.1E-03
7440-48-4	Cobalt	3.1	3.1	3.1			6.0E-12	6.0E-12	5.7E-02		3.0E-07	5.7E-02
7440-50-8	Copper	17.2	17.2	17.2					2.4E-03			2.4E-03
7439-92-1	~Lead and Compounds	28.6	28.6	28.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	75.2	75.2	75.2					1.7E-02		8.7E-07	1.7E-02
7440-02-0	Nickel Soluble Salts	9.61	9.61	9.61			5.4E-13	5.4E-13	2.6E-03		5.5E-07	2.6E-03
14797-55-8	Nitrate (measured as nitrogen)	2.99	2.99	2.99					1.0E-05			1.0E-05
56-55-3	~Benz[a]anthracene	0.173	0.173	0.173	4.8E-08	1.6E-08	7.8E-11	6.5E-08				
50-32-8	~Benzo[a]pyrene	0.177	0.177	0.177	5.0E-07	1.7E-07	6.3E-14	6.6E-07	3.2E-03	1.0E-03	5.1E-08	4.2E-03
205-99-2	~Benzo[b]fluoranthene	0.248	0.248	0.248	6.9E-08	2.3E-08	8.8E-15	9.3E-08				
218-01-9	~Chrysene	0.193	0.193	0.193	5.4E-10	1.8E-10	6.9E-17	7.2E-10				
206-44-0	~Fluoranthene	0.406	0.406	0.406					5.6E-05	1.7E-05		7.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.132	0.132	0.132	3.7E-08	1.2E-08	4.7E-15	4.9E-08				
129-00-0	~Pyrene	0.317	0.317	0.317					5.8E-05	1.8E-05		7.6E-05
7782-49-2	Selenium	0.838	0.838	0.838					9.2E-04		2.4E-11	9.2E-04
7440-22-4	Silver	0.0223	0.0223	0.0223					2.4E-05			2.4E-05
7440-62-2	Vanadium and Compounds	14.4	14.4	14.4					1.6E-02		8.3E-08	1.6E-02
7440-66-6	Zinc and Compounds	56.9	56.9	56.9					1.0E-03			1.0E-03
						Cumulative:		1.4E-06				1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-6 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.607	J	7440-36-0	Antimony (metallic)			mg/kg	SED-6									
1.6	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
26.5		7440-39-3	Barium			mg/kg	SED-9									
0.124	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.128	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
11		7440-48-4	Cobalt			mg/kg	SED-6									
12.6		7440-50-8	Copper			mg/kg	SED-9									
38.7		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
146	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
14.8		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.66	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.0432	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-9									
0.0551	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.0502	J	206-44-0	~Fluoranthene			mg/kg	SED-DUP-2									
0.0486	J	129-00-0	~Pyrene			mg/kg	SED-9									
0.504	J B	7782-49-2	Selenium			mg/kg	SED-5/SED-DUP-1									
0.0154	J	7440-22-4	Silver			mg/kg	SED-9									
18.2	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
58.3		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	2.8E-06	7.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.6E-07	4.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.2E-06	3.0E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.607	0.607	0.607					1.9E-02		3.3E-08	1.9E-02
7440-38-2	Arsenic, Inorganic	1.6	1.6	1.6	**2.1E-06**	2.9E-07	4.1E-11	2.4E-06	4.1E-02	4.9E-03	1.7E-06	4.6E-02
7440-39-3	Barium	26.5	26.5	26.5					1.7E-03		8.6E-07	1.7E-03
7440-41-7	Beryllium and compounds	0.124	0.124	0.124			1.8E-12	1.8E-12	7.9E-04		1.0E-07	7.9E-04
7440-43-9	Cadmium (Diet)	0.128	0.128	0.128			1.4E-12	1.4E-12	1.6E-02	1.6E-03	2.1E-07	1.8E-02
7440-48-4	Cobalt	11	11	11			5.9E-10	5.9E-10	**4.7E-01**		3.0E-05	**4.7E-01**
7440-50-8	Copper	12.6	12.6	12.6					4.0E-03			4.0E-03
7439-92-1	~Lead and Compounds	38.7	38.7	38.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	146	146	146					7.8E-02		4.7E-05	7.8E-02
7440-02-0	Nickel Soluble Salts	14.8	14.8	14.8			2.3E-11	2.3E-11	9.5E-03		2.4E-05	9.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.66	1.66	1.66					1.3E-05			1.3E-05
50-32-8	~Benzo[a]pyrene	0.0432	0.0432	0.0432	2.8E-07	9.4E-08	4.3E-13	3.8E-07	1.8E-03	5.7E-04	3.5E-07	2.4E-03
205-99-2	~Benzo[b]fluoranthene	0.0551	0.0551	0.0551	3.6E-08	1.2E-08	5.5E-14	4.8E-08				
206-44-0	~Fluoranthene	0.0502	0.0502	0.0502					1.6E-05	4.9E-06		2.1E-05
129-00-0	~Pyrene	0.0486	0.0486	0.0486					2.1E-05	6.4E-06		2.7E-05
7782-49-2	Selenium	0.504	0.504	0.504					1.3E-03		4.1E-10	1.3E-03
7440-22-4	Silver	0.0154	0.0154	0.0154					3.9E-05			3.9E-05
7440-62-2	Vanadium and Compounds	18.2	18.2	18.2					4.6E-02		2.9E-06	4.6E-02
7440-66-6	Zinc and Compounds	58.3	58.3	58.3					2.5E-03			2.5E-03
						Cumulative:		2.8E-06				7.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.607	0.607	0.607					1.3E-03		7.8E-09	1.3E-03
7440-38-2	Arsenic, Inorganic	1.6	1.6	1.6	4.4E-07	9.3E-08	9.5E-12	5.3E-07	2.7E-03	5.8E-04	4.1E-07	3.3E-03
7440-39-3	Barium	26.5	26.5	26.5					1.1E-04		2.0E-07	1.1E-04
7440-41-7	Beryllium and compounds	0.124	0.124	0.124			4.1E-13	4.1E-13	5.3E-05		2.4E-08	5.3E-05
7440-43-9	Cadmium (Diet)	0.128	0.128	0.128			3.2E-13	3.2E-13	1.1E-03	1.9E-04	4.9E-08	1.3E-03
7440-48-4	Cobalt	11	11	11			1.4E-10	1.4E-10	3.1E-02		7.1E-06	3.1E-02
7440-50-8	Copper	12.6	12.6	12.6					2.7E-04			2.7E-04
7439-92-1	~Lead and Compounds	38.7	38.7	38.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	146	146	146					5.2E-03		1.1E-05	5.2E-03
7440-02-0	Nickel Soluble Salts	14.8	14.8	14.8			5.3E-12	5.3E-12	6.3E-04		5.7E-06	6.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.66	1.66	1.66					8.9E-07			8.9E-07
50-32-8	~Benzo[a]pyrene	0.0432	0.0432	0.0432	1.3E-08	7.3E-09	3.6E-14	2.0E-08	1.2E-04	6.8E-05	8.3E-08	1.9E-04
205-99-2	~Benzo[b]fluoranthene	0.0551	0.0551	0.0551	1.7E-09	9.3E-10	4.5E-15	2.6E-09				
206-44-0	~Fluoranthene	0.0502	0.0502	0.0502					1.1E-06	5.9E-07		1.7E-06
129-00-0	~Pyrene	0.0486	0.0486	0.0486					1.4E-06	7.6E-07		2.2E-06
7782-49-2	Selenium	0.504	0.504	0.504					8.6E-05		9.7E-11	8.6E-05
7440-22-4	Silver	0.0154	0.0154	0.0154					2.6E-06			2.6E-06
7440-62-2	Vanadium and Compounds	18.2	18.2	18.2					3.1E-03		7.0E-07	3.1E-03
7440-66-6	Zinc and Compounds	58.3	58.3	58.3					1.7E-04			1.7E-04
						Cumulative:		5.6E-07				4.7E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.607	0.607	0.607					8.3E-03		1.2E-09	8.3E-03
7440-38-2	Arsenic, Inorganic	1.6	1.6	1.6	8.9E-07	1.2E-07	1.5E-12	**1.0E-06**	1.8E-02	2.1E-03	6.2E-08	2.0E-02
7440-39-3	Barium	26.5	26.5	26.5					7.3E-04		3.1E-08	7.3E-04
7440-41-7	Beryllium and compounds	0.124	0.124	0.124			6.4E-14	6.4E-14	3.4E-04		3.6E-09	3.4E-04
7440-43-9	Cadmium (Diet)	0.128	0.128	0.128			4.9E-14	4.9E-14	7.0E-03	6.7E-04	7.4E-09	7.7E-03
7440-48-4	Cobalt	11	11	11			2.1E-11	2.1E-11	**2.0E-01**		1.1E-06	**2.0E-01**
7440-50-8	Copper	12.6	12.6	12.6					1.7E-03			1.7E-03
7439-92-1	~Lead and Compounds	38.7	38.7	38.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	146	146	146					3.3E-02		1.7E-06	3.3E-02
7440-02-0	Nickel Soluble Salts	14.8	14.8	14.8			8.3E-13	8.3E-13	4.1E-03		8.5E-07	4.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1.66	1.66	1.66					5.7E-06			5.7E-06
50-32-8	~Benzo[a]pyrene	0.0432	0.0432	0.0432	1.2E-07	4.0E-08	1.5E-14	1.6E-07	7.9E-04	2.4E-04	1.2E-08	1.0E-03
205-99-2	~Benzo[b]fluoranthene	0.0551	0.0551	0.0551	1.5E-08	5.1E-09	2.0E-15	2.1E-08				
206-44-0	~Fluoranthene	0.0502	0.0502	0.0502					6.9E-06	2.1E-06		9.0E-06
129-00-0	~Pyrene	0.0486	0.0486	0.0486					8.9E-06	2.7E-06		1.2E-05
7782-49-2	Selenium	0.504	0.504	0.504					5.5E-04		1.5E-11	5.5E-04
7440-22-4	Silver	0.0154	0.0154	0.0154					1.7E-05			1.7E-05
7440-62-2	Vanadium and Compounds	18.2	18.2	18.2					2.0E-02		1.1E-07	2.0E-02
7440-66-6	Zinc and Compounds	58.3	58.3	58.3					1.1E-03			1.1E-03
						Cumulative:		1.2E-06				3.0E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-7 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-7 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0269		67-64-1	Acetone			mg/kg	SED-8									
0.0497	J	7440-36-0	Antimony (metallic)			mg/kg	SED-8									
0.333	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
13		7440-39-3	Barium			mg/kg	SED-9									
0.0623	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.0598	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
0.746	J	18540-29-9	Chromium(VI)			mg/kg	SED-7									
0.721		7440-48-4	Cobalt			mg/kg	SED-6									
4.12		7440-50-8	Copper			mg/kg	SED-9									
11.2		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
23.3	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
0.14		7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-7									
1.68		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
4.49		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.0431	J	83-32-9	~Acenaphthene			mg/kg	SED-9									
0.153	J	120-12-7	~Anthracene			mg/kg	SED-9									
0.616		56-55-3	~Benz[a]anthracene			mg/kg	SED-9									
0.507		50-32-8	~Benzo[a]pyrene			mg/kg	SED-9									
0.687		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.265	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-9									
0.545		218-01-9	~Chrysene			mg/kg	SED-9									
0.0835	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-9									
1.25		206-44-0	~Fluoranthene			mg/kg	SED-9									
0.052	J	86-73-7	~Fluorene			mg/kg	SED-9									
0.344	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-9									
0.0455	J	91-57-6	~Methylnaphthalene, 2-			mg/kg	SED-9									
0.0484	J	91-20-3	~Naphthalene			mg/kg	SED-9									
1.03		129-00-0	~Pyrene			mg/kg	SED-9									
0.102	J B	7782-49-2	Selenium			mg/kg	SED-DUP-1									
0.0101	J	7440-22-4	Silver			mg/kg	SED-9									
0.0135	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-9									
3.51	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
18.9		7440-66-6	Zinc and Compounds			mg/kg	SED-9									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	7.9E-06	1.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.1E-07	9.9E-03	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.4E-06	6.0E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0269	0.0269	0.0269					3.8E-07			3.8E-07
7440-36-0	Antimony (metallic)	0.0497	0.0497	0.0497					1.6E-03		2.7E-09	1.6E-03
7440-38-2	Arsenic, Inorganic	0.333	0.333	0.333	4.3E-07	6.1E-08	8.6E-12	4.9E-07	8.5E-03	1.0E-03	3.6E-07	9.5E-03
7440-39-3	Barium	13	13	13					8.3E-04		4.2E-07	8.3E-04
7440-41-7	Beryllium and compounds	0.0623	0.0623	0.0623			9.0E-13	9.0E-13	4.0E-04		5.0E-08	4.0E-04
7440-43-9	Cadmium (Diet)	0.0598	0.0598	0.0598			6.5E-13	6.5E-13	7.6E-03	7.3E-04	9.7E-08	8.4E-03
18540-29-9	Chromium(VI)	0.746	0.746	0.746	7.8E-07		1.4E-10	7.8E-07	1.1E-02		4.0E-07	1.1E-02
7440-48-4	Cobalt	0.721	0.721	0.721			3.9E-11	3.9E-11	3.1E-02		1.9E-06	3.1E-02
7440-50-8	Copper	4.12	4.12	4.12					1.3E-03			1.3E-03
7439-92-1	~Lead and Compounds	11.2	11.2	11.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	23.3	23.3	23.3					1.2E-02		7.5E-06	1.2E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.14	0.14	0.14					6.0E-03		7.5E-09	6.0E-03
7440-02-0	Nickel Soluble Salts	1.68	1.68	1.68			2.6E-12	2.6E-12	1.1E-03		2.7E-06	1.1E-03
14797-55-8	Nitrate (measured as nitrogen)	4.49	4.49	4.49					3.6E-05			3.6E-05
83-32-9	~Acenaphthene	0.0431	0.0431	0.0431					9.2E-06	2.8E-06		1.2E-05
120-12-7	~Anthracene	0.153	0.153	0.153					6.5E-06	2.0E-06		8.5E-06
56-55-3	~Benz[a]anthracene	0.616	0.616	0.616	4.0E-07	1.3E-07	7.8E-09	5.4E-07				
50-32-8	~Benzo[a]pyrene	0.507	0.507	0.507	**3.3E-06**	**1.1E-06**	5.1E-12	4.4E-06	2.2E-02	6.7E-03	4.1E-06	2.8E-02
205-99-2	~Benzo[b]fluoranthene	0.687	0.687	0.687	4.5E-07	1.5E-07	6.9E-13	6.0E-07				
207-08-9	~Benzo[k]fluoranthene	0.265	0.265	0.265	1.7E-08	5.8E-09	2.6E-14	2.3E-08				
218-01-9	~Chrysene	0.545	0.545	0.545	3.6E-09	1.2E-09	5.4E-15	4.7E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0835	0.0835	0.0835	5.5E-07	1.8E-07	8.3E-13	7.3E-07				
206-44-0	~Fluoranthene	1.25	1.25	1.25					4.0E-04	1.2E-04		5.2E-04
86-73-7	~Fluorene	0.052	0.052	0.052					1.7E-05	5.1E-06		2.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.344	0.344	0.344	2.2E-07	7.5E-08	3.4E-13	3.0E-07				
91-57-6	~Methylnaphthalene, 2-	0.0455	0.0455	0.0455					1.5E-04	4.5E-05		1.9E-04
91-20-3	~Naphthalene	0.0484	0.0484	0.0484	8.4E-09	3.1E-09	1.2E-08	2.3E-08	3.1E-05	9.5E-06	3.1E-04	3.5E-04
129-00-0	~Pyrene	1.03	1.03	1.03					4.4E-04	1.4E-04		5.7E-04
7782-49-2	Selenium	0.102	0.102	0.102					2.6E-04		8.2E-11	2.6E-04
7440-22-4	Silver	0.0101	0.0101	0.0101					2.6E-05			2.6E-05
7440-28-0	Thallium (Soluble Salts)	0.0135	0.0135	0.0135					1.7E-02			1.7E-02
7440-62-2	Vanadium and Compounds	3.51	3.51	3.51					8.9E-03		5.7E-07	8.9E-03
7440-66-6	Zinc and Compounds	18.9	18.9	18.9					8.1E-04			8.1E-04
						Cumulative:		7.9E-06				1.4E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0269	0.0269	0.0269					2.6E-08			2.6E-08
7440-36-0	Antimony (metallic)	0.0497	0.0497	0.0497					1.1E-04		6.4E-10	1.1E-04
7440-38-2	Arsenic, Inorganic	0.333	0.333	0.333	9.2E-08	1.9E-08	2.0E-12	1.1E-07	5.7E-04	1.2E-04	8.5E-08	6.9E-04
7440-39-3	Barium	13	13	13					5.6E-05		1.0E-07	5.6E-05
7440-41-7	Beryllium and compounds	0.0623	0.0623	0.0623			2.1E-13	2.1E-13	2.7E-05		1.2E-08	2.7E-05
7440-43-9	Cadmium (Diet)	0.0598	0.0598	0.0598			1.5E-13	1.5E-13	5.1E-04	8.7E-05	2.3E-08	6.0E-04
18540-29-9	Chromium(VI)	0.746	0.746	0.746	3.6E-08		1.1E-11	3.7E-08	7.1E-04		9.6E-08	7.1E-04
7440-48-4	Cobalt	0.721	0.721	0.721			8.9E-12	8.9E-12	2.1E-03		4.6E-07	2.1E-03
7440-50-8	Copper	4.12	4.12	4.12					8.8E-05			8.8E-05
7439-92-1	~Lead and Compounds	11.2	11.2	11.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	23.3	23.3	23.3					8.3E-04		1.8E-06	8.3E-04
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.14	0.14	0.14					4.0E-04		1.8E-09	4.0E-04
7440-02-0	Nickel Soluble Salts	1.68	1.68	1.68			6.0E-13	6.0E-13	7.2E-05		6.5E-07	7.3E-05
14797-55-8	Nitrate (measured as nitrogen)	4.49	4.49	4.49					2.4E-06			2.4E-06
83-32-9	~Acenaphthene	0.0431	0.0431	0.0431					6.2E-07	3.4E-07		9.5E-07
120-12-7	~Anthracene	0.153	0.153	0.153					4.4E-07	2.4E-07		6.8E-07
56-55-3	~Benz[a]anthracene	0.616	0.616	0.616	1.9E-08	1.0E-08	6.4E-10	3.0E-08				
50-32-8	~Benzo[a]pyrene	0.507	0.507	0.507	1.6E-07	8.5E-08	4.2E-13	2.4E-07	1.4E-03	8.0E-04	9.8E-07	2.2E-03
205-99-2	~Benzo[b]fluoranthene	0.687	0.687	0.687	2.1E-08	1.2E-08	5.7E-14	3.3E-08				
207-08-9	~Benzo[k]fluoranthene	0.265	0.265	0.265	8.1E-10	4.5E-10	2.2E-15	1.3E-09				
218-01-9	~Chrysene	0.545	0.545	0.545	1.7E-10	9.2E-11	4.5E-16	2.6E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0835	0.0835	0.0835	2.6E-08	1.4E-08	6.9E-14	4.0E-08				
206-44-0	~Fluoranthene	1.25	1.25	1.25					2.7E-05	1.5E-05		4.1E-05
86-73-7	~Fluorene	0.052	0.052	0.052					1.1E-06	6.1E-07		1.7E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.344	0.344	0.344	1.1E-08	5.8E-09	2.8E-14	1.6E-08				
91-57-6	~Methylnaphthalene, 2-	0.0455	0.0455	0.0455					9.7E-06	5.4E-06		1.5E-05
91-20-3	~Naphthalene	0.0484	0.0484	0.0484	1.8E-09	9.8E-10	2.7E-09	5.5E-09	2.1E-06	1.1E-06	7.5E-05	7.8E-05
129-00-0	~Pyrene	1.03	1.03	1.03					2.9E-05	1.6E-05		4.6E-05
7782-49-2	Selenium	0.102	0.102	0.102					1.7E-05		2.0E-11	1.7E-05
7440-22-4	Silver	0.0101	0.0101	0.0101					1.7E-06			1.7E-06
7440-28-0	Thallium (Soluble Salts)	0.0135	0.0135	0.0135					1.2E-03			1.2E-03
7440-62-2	Vanadium and Compounds	3.51	3.51	3.51					6.0E-04		1.4E-07	6.0E-04
7440-66-6	Zinc and Compounds	18.9	18.9	18.9					5.4E-05			5.4E-05
						Cumulative:		5.1E-07				9.9E-03

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0269	0.0269	0.0269					1.6E-07			1.6E-07
7440-36-0	Antimony (metallic)	0.0497	0.0497	0.0497					6.8E-04		9.6E-11	6.8E-04
7440-38-2	Arsenic, Inorganic	0.333	0.333	0.333	1.8E-07	2.6E-08	3.1E-13	2.1E-07	3.6E-03	4.3E-04	1.3E-08	4.1E-03
7440-39-3	Barium	13	13	13					3.6E-04		1.5E-08	3.6E-04
7440-41-7	Beryllium and compounds	0.0623	0.0623	0.0623			3.2E-14	3.2E-14	1.7E-04		1.8E-09	1.7E-04
7440-43-9	Cadmium (Diet)	0.0598	0.0598	0.0598			2.3E-14	2.3E-14	3.3E-03	3.1E-04	3.5E-09	3.6E-03
18540-29-9	Chromium(VI)	0.746	0.746	0.746	3.3E-07		4.9E-12	3.3E-07	4.5E-03		1.4E-08	4.5E-03
7440-48-4	Cobalt	0.721	0.721	0.721			1.4E-12	1.4E-12	1.3E-02		6.9E-08	1.3E-02
7440-50-8	Copper	4.12	4.12	4.12					5.6E-04			5.6E-04
7439-92-1	~Lead and Compounds	11.2	11.2	11.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	23.3	23.3	23.3					5.3E-03		2.7E-07	5.3E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.14	0.14	0.14					2.6E-03		2.7E-10	2.6E-03
7440-02-0	Nickel Soluble Salts	1.68	1.68	1.68			9.4E-14	9.4E-14	4.6E-04		9.7E-08	4.6E-04
14797-55-8	Nitrate (measured as nitrogen)	4.49	4.49	4.49					1.5E-05			1.5E-05
83-32-9	~Acenaphthene	0.0431	0.0431	0.0431					3.9E-06	1.2E-06		5.2E-06
120-12-7	~Anthracene	0.153	0.153	0.153					2.8E-06	8.6E-07		3.7E-06
56-55-3	~Benz[a]anthracene	0.616	0.616	0.616	1.7E-07	5.8E-08	2.8E-10	2.3E-07				
50-32-8	~Benzo[a]pyrene	0.507	0.507	0.507	**1.4E-06**	4.7E-07	1.8E-13	**1.9E-06**	9.3E-03	2.9E-03	1.5E-07	1.2E-02
205-99-2	~Benzo[b]fluoranthene	0.687	0.687	0.687	1.9E-07	6.4E-08	2.4E-14	2.6E-07				
207-08-9	~Benzo[k]fluoranthene	0.265	0.265	0.265	7.4E-09	2.5E-09	9.4E-16	9.9E-09				
218-01-9	~Chrysene	0.545	0.545	0.545	1.5E-09	5.1E-10	1.9E-16	2.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0835	0.0835	0.0835	2.3E-07	7.8E-08	3.0E-14	3.1E-07				
206-44-0	~Fluoranthene	1.25	1.25	1.25					1.7E-04	5.3E-05		2.2E-04
86-73-7	~Fluorene	0.052	0.052	0.052					7.1E-06	2.2E-06		9.3E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.344	0.344	0.344	9.6E-08	3.2E-08	1.2E-14	1.3E-07				
91-57-6	~Methylnaphthalene, 2-	0.0455	0.0455	0.0455					6.2E-05	1.9E-05		8.2E-05
91-20-3	~Naphthalene	0.0484	0.0484	0.0484	3.6E-09	1.3E-09	4.2E-10	5.3E-09	1.3E-05	4.1E-06	1.1E-05	2.9E-05
129-00-0	~Pyrene	1.03	1.03	1.03					1.9E-04	5.8E-05		2.5E-04
7782-49-2	Selenium	0.102	0.102	0.102					1.1E-04		2.9E-12	1.1E-04
7440-22-4	Silver	0.0101	0.0101	0.0101					1.1E-05			1.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0135	0.0135	0.0135					7.4E-03			7.4E-03
7440-62-2	Vanadium and Compounds	3.51	3.51	3.51					3.8E-03		2.0E-08	3.8E-03
7440-66-6	Zinc and Compounds	18.9	18.9	18.9					3.5E-04			3.5E-04
						Cumulative:		3.4E-06				6.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-8 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-8 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0942		67-64-1	Acetone			mg/kg	SED-9									
0.823	J	7664-41-7	Ammonia			mg/kg	SED-8									
0.363	J F1	7440-36-0	Antimony (metallic)			mg/kg	SED-8									
1.13	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
39.6		7440-39-3	Barium			mg/kg	SED-9									
0.155	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.128	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
0.412	J	105-60-2	Caprolactam			mg/kg	SED-9									
0.357	J	18540-29-9	Chromium(VI)			mg/kg	SED-9									
2.9		7440-48-4	Cobalt			mg/kg	SED-9									
14.1		7440-50-8	Copper			mg/kg	SED-9									
38		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
143	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
0.0485	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-8									
7.44		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
5.45		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.0786	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.0633	J	218-01-9	~Chrysene			mg/kg	SED-9									
0.113	J	206-44-0	~Fluoranthene			mg/kg	SED-9									
0.102	J	129-00-0	~Pyrene			mg/kg	SED-9									
0.527	J B	7782-49-2	Selenium			mg/kg	SED-9									
0.0262	J	7440-22-4	Silver			mg/kg	SED-9									
0.0421	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-9									
12.3	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
64.9		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	2.1E-06	3.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.0E-07	2.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	9.0E-07	1.6E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0942	0.0942	0.0942					1.3E-06			1.3E-06
7664-41-7	Ammonia	0.823	0.823	0.823							2.7E-11	2.7E-11
7440-36-0	Antimony (metallic)	0.363	0.363	0.363					1.2E-02		2.0E-08	1.2E-02
7440-38-2	Arsenic, Inorganic	1.13	1.13	1.13	**1.5E-06**	2.1E-07	2.9E-11	1.7E-06	2.9E-02	3.4E-03	1.2E-06	3.2E-02
7440-39-3	Barium	39.6	39.6	39.6					2.5E-03		1.3E-06	2.5E-03
7440-41-7	Beryllium and compounds	0.155	0.155	0.155			2.2E-12	2.2E-12	9.9E-04		1.3E-07	9.9E-04
7440-43-9	Cadmium (Diet)	0.128	0.128	0.128			1.4E-12	1.4E-12	1.6E-02	1.6E-03	2.1E-07	1.8E-02
105-60-2	Caprolactam	0.412	0.412	0.412					1.1E-05	2.5E-06	3.0E-09	1.3E-05
18540-29-9	Chromium(VI)	0.357	0.357	0.357	3.7E-07		6.5E-11	3.7E-07	5.1E-03		1.9E-07	5.1E-03
7440-48-4	Cobalt	2.9	2.9	2.9			1.6E-10	1.6E-10	1.2E-01		7.8E-06	1.2E-01
7440-50-8	Copper	14.1	14.1	14.1					4.5E-03			4.5E-03
7439-92-1	~Lead and Compounds	38	38	38					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	143	143	143					7.6E-02		4.6E-05	7.6E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0485	0.0485	0.0485					2.1E-03		2.6E-09	2.1E-03
7440-02-0	Nickel Soluble Salts	7.44	7.44	7.44			1.2E-11	1.2E-11	4.8E-03		1.2E-05	4.8E-03
14797-55-8	Nitrate (measured as nitrogen)	5.45	5.45	5.45					4.4E-05			4.4E-05
205-99-2	~Benzo[b]fluoranthene	0.0786	0.0786	0.0786	5.1E-08	1.7E-08	7.8E-14	6.8E-08				
218-01-9	~Chrysene	0.0633	0.0633	0.0633	4.1E-10	1.4E-10	6.3E-16	5.5E-10				
206-44-0	~Fluoranthene	0.113	0.113	0.113					3.6E-05	1.1E-05		4.7E-05
129-00-0	~Pyrene	0.102	0.102	0.102					4.3E-05	1.3E-05		5.7E-05
7782-49-2	Selenium	0.527	0.527	0.527					1.3E-03		4.3E-10	1.3E-03
7440-22-4	Silver	0.0262	0.0262	0.0262					6.7E-05			6.7E-05
7440-28-0	Thallium (Soluble Salts)	0.0421	0.0421	0.0421					5.4E-02			5.4E-02
7440-62-2	Vanadium and Compounds	12.3	12.3	12.3					3.1E-02		2.0E-06	3.1E-02
7440-66-6	Zinc and Compounds	64.9	64.9	64.9					2.8E-03			2.8E-03
						Cumulative:		2.1E-06				3.7E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0942	0.0942	0.0942					9.0E-08			9.0E-08
7664-41-7	Ammonia	0.823	0.823	0.823							6.3E-12	6.3E-12
7440-36-0	Antimony (metallic)	0.363	0.363	0.363					7.8E-04		4.7E-09	7.8E-04
7440-38-2	Arsenic, Inorganic	1.13	1.13	1.13	3.1E-07	6.6E-08	6.7E-12	3.8E-07	1.9E-03	4.1E-04	2.9E-07	2.3E-03
7440-39-3	Barium	39.6	39.6	39.6					1.7E-04		3.0E-07	1.7E-04
7440-41-7	Beryllium and compounds	0.155	0.155	0.155			5.1E-13	5.1E-13	6.6E-05		3.0E-08	6.6E-05
7440-43-9	Cadmium (Diet)	0.128	0.128	0.128			3.2E-13	3.2E-13	1.1E-03	1.9E-04	4.9E-08	1.3E-03
105-60-2	Caprolactam	0.412	0.412	0.412					7.1E-07	3.0E-07	7.2E-10	1.0E-06
18540-29-9	Chromium(VI)	0.357	0.357	0.357	1.7E-08		5.4E-12	1.7E-08	3.4E-04		4.6E-08	3.4E-04
7440-48-4	Cobalt	2.9	2.9	2.9			3.6E-11	3.6E-11	8.3E-03		1.9E-06	8.3E-03
7440-50-8	Copper	14.1	14.1	14.1					3.0E-04			3.0E-04
7439-92-1	~Lead and Compounds	38	38	38					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	143	143	143					5.1E-03		1.1E-05	5.1E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0485	0.0485	0.0485					1.4E-04		6.2E-10	1.4E-04
7440-02-0	Nickel Soluble Salts	7.44	7.44	7.44			2.7E-12	2.7E-12	3.2E-04		2.9E-06	3.2E-04
14797-55-8	Nitrate (measured as nitrogen)	5.45	5.45	5.45					2.9E-06			2.9E-06
205-99-2	~Benzo[b]fluoranthene	0.0786	0.0786	0.0786	2.4E-09	1.3E-09	6.5E-15	3.7E-09				
218-01-9	~Chrysene	0.0633	0.0633	0.0633	1.9E-11	1.1E-11	5.2E-17	3.0E-11				
206-44-0	~Fluoranthene	0.113	0.113	0.113					2.4E-06	1.3E-06		3.7E-06
129-00-0	~Pyrene	0.102	0.102	0.102					2.9E-06	1.6E-06		4.5E-06
7782-49-2	Selenium	0.527	0.527	0.527					9.0E-05		1.0E-10	9.0E-05
7440-22-4	Silver	0.0262	0.0262	0.0262					4.5E-06			4.5E-06
7440-28-0	Thallium (Soluble Salts)	0.0421	0.0421	0.0421					3.6E-03			3.6E-03
7440-62-2	Vanadium and Compounds	12.3	12.3	12.3					2.1E-03		4.7E-07	2.1E-03
7440-66-6	Zinc and Compounds	64.9	64.9	64.9					1.9E-04			1.9E-04
						Cumulative:		4.0E-07				2.5E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0942	0.0942	0.0942					5.7E-07			5.7E-07
7664-41-7	Ammonia	0.823	0.823	0.823							9.5E-13	9.5E-13
7440-36-0	Antimony (metallic)	0.363	0.363	0.363					5.0E-03		7.0E-10	5.0E-03
7440-38-2	Arsenic, Inorganic	1.13	1.13	1.13	6.3E-07	8.8E-08	1.0E-12	7.2E-07	1.2E-02	1.5E-03	4.3E-08	1.4E-02
7440-39-3	Barium	39.6	39.6	39.6					1.1E-03		4.6E-08	1.1E-03
7440-41-7	Beryllium and compounds	0.155	0.155	0.155			8.0E-14	8.0E-14	4.2E-04		4.5E-09	4.2E-04
7440-43-9	Cadmium (Diet)	0.128	0.128	0.128			4.9E-14	4.9E-14	7.0E-03	6.7E-04	7.4E-09	7.7E-03
105-60-2	Caprolactam	0.412	0.412	0.412					4.5E-06	1.1E-06	1.1E-10	5.6E-06
18540-29-9	Chromium(VI)	0.357	0.357	0.357	1.6E-07		2.3E-12	1.6E-07	2.2E-03		6.9E-09	2.2E-03
7440-48-4	Cobalt	2.9	2.9	2.9			5.6E-12	5.6E-12	5.3E-02		2.8E-07	5.3E-02
7440-50-8	Copper	14.1	14.1	14.1					1.9E-03			1.9E-03
7439-92-1	~Lead and Compounds	38	38	38					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	143	143	143					3.3E-02		1.7E-06	3.3E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0485	0.0485	0.0485					8.9E-04		9.3E-11	8.9E-04
7440-02-0	Nickel Soluble Salts	7.44	7.44	7.44			4.1E-13	4.1E-13	2.0E-03		4.3E-07	2.0E-03
14797-55-8	Nitrate (measured as nitrogen)	5.45	5.45	5.45					1.9E-05			1.9E-05
205-99-2	~Benzo[b]fluoranthene	0.0786	0.0786	0.0786	2.2E-08	7.3E-09	2.8E-15	2.9E-08				
218-01-9	~Chrysene	0.0633	0.0633	0.0633	1.8E-10	5.9E-11	2.3E-17	2.4E-10				
206-44-0	~Fluoranthene	0.113	0.113	0.113					1.5E-05	4.8E-06		2.0E-05
129-00-0	~Pyrene	0.102	0.102	0.102					1.9E-05	5.7E-06		2.4E-05
7782-49-2	Selenium	0.527	0.527	0.527					5.8E-04		1.5E-11	5.8E-04
7440-22-4	Silver	0.0262	0.0262	0.0262					2.9E-05			2.9E-05
7440-28-0	Thallium (Soluble Salts)	0.0421	0.0421	0.0421					2.3E-02			2.3E-02
7440-62-2	Vanadium and Compounds	12.3	12.3	12.3					1.3E-02		7.1E-08	1.3E-02
7440-66-6	Zinc and Compounds	64.9	64.9	64.9					1.2E-03			1.2E-03
						Cumulative:		9.0E-07				1.6E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Lyon Park
Site Address:	1101 Cornell Road and 1200 W. Lakewood Avenue, Durham NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000822
Exposure Unit ID:	SED-9 Risk Assessment
Submittal Date:	2/16/2026
Prepared By:	Brandon Governo
	Jennifer Petzold
Reviewed By:	Jerry Paul

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-9 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0379		67-64-1	Acetone			mg/kg	SED-8									
0.283	J	7440-36-0	Antimony (metallic)			mg/kg	SED-8									
2.14	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
65.9		7440-39-3	Barium			mg/kg	SED-9									
0.343	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.249	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
0.518	J	18540-29-9	Chromium(VI)			mg/kg	SED-9									
4.34		7440-48-4	Cobalt			mg/kg	SED-6									
18.8		7440-50-8	Copper			mg/kg	SED-9									
0.0409	J	132-64-9	~Dibenzofuran			mg/kg	SED-9									
72.9		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
161	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
0.0367	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-8									
8.58		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.76	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg										
0.074	J	83-32-9	~Acenaphthene			mg/kg	SED-9									
0.223	J	120-12-7	~Anthracene			mg/kg	SED-9									
0.861		56-55-3	~Benz[a]anthracene			mg/kg	SED-9									
0.777		50-32-8	~Benzo[a]pyrene			mg/kg	SED-9									
1.04		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.393	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-9									
0.865		218-01-9	~Chrysene			mg/kg	SED-9									
0.129	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-9									
1.9		206-44-0	~Fluoranthene			mg/kg	SED-9									
0.0655	J	86-73-7	~Fluorene			mg/kg	SED-9									
0.533		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-9									
0.0661	J	91-57-6	~Methylnaphthalene, 2-			mg/kg	SED-9									
0.0553	J	91-20-3	~Naphthalene			mg/kg	SED-9									
1.56		129-00-0	~Pyrene			mg/kg	SED-9									
0.67	J B	7782-49-2	Selenium			mg/kg	SED-DUP-1									
0.0455	J	7440-22-4	Silver			mg/kg	SED-9									
0.0743	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-9									
18	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
78.2		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-9 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	1.4E-05	5.9E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.3E-06	4.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.9E-06	2.5E-01	NO
	Surface Water*	NC	NC	NC
VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**		
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC	
	Source Groundwater	Exceedence of 2L at Receptor?	NC	
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC	
	Source Groundwater	Exceedence of 2B at Receptor?	NC	

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-9 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0379	0.0379	0.0379					5.4E-07			5.4E-07
7440-36-0	Antimony (metallic)	0.283	0.283	0.283					9.0E-03		1.5E-08	9.0E-03
7440-38-2	Arsenic, Inorganic	2.14	2.14	2.14	**2.8E-06**	3.9E-07	5.5E-11	3.2E-06	5.5E-02	6.5E-03	2.3E-06	6.1E-02
7440-39-3	Barium	65.9	65.9	65.9					4.2E-03		2.1E-06	4.2E-03
7440-41-7	Beryllium and compounds	0.343	0.343	0.343			4.9E-12	4.9E-12	2.2E-03		2.8E-07	2.2E-03
7440-43-9	Cadmium (Diet)	0.249	0.249	0.249			2.7E-12	2.7E-12	3.2E-02	3.0E-03	4.0E-07	3.5E-02
18540-29-9	Chromium(VI)	0.518	0.518	0.518	5.4E-07		9.5E-11	5.4E-07	7.4E-03		2.8E-07	7.4E-03
7440-48-4	Cobalt	4.34	4.34	4.34			2.3E-10	2.3E-10	1.8E-01		1.2E-05	1.8E-01
7440-50-8	Copper	18.8	18.8	18.8					6.0E-03			6.0E-03
132-64-9	~Dibenzofuran	0.0409	0.0409	0.0409					5.2E-04			5.2E-04
7439-92-1	~Lead and Compounds	72.9	72.9	72.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	161	161	161					8.6E-02		5.2E-05	8.6E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0367	0.0367	0.0367					1.6E-03		2.0E-09	1.6E-03
7440-02-0	Nickel Soluble Salts	8.58	8.58	8.58			1.3E-11	1.3E-11	5.5E-03		1.4E-05	5.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.76	1.76	1.76					1.4E-05			1.4E-05
83-32-9	~Acenaphthene	0.074	0.074	0.074					1.6E-05	4.9E-06		2.1E-05
120-12-7	~Anthracene	0.223	0.223	0.223					9.5E-06	2.9E-06		1.2E-05
56-55-3	~Benz[a]anthracene	0.861	0.861	0.861	5.6E-07	1.9E-07	1.1E-08	7.6E-07				
50-32-8	~Benzo[a]pyrene	0.777	0.777	0.777	**5.1E-06**	**1.7E-06**	7.8E-12	6.8E-06	3.3E-02	1.0E-02	6.3E-06	4.3E-02
205-99-2	~Benzo[b]fluoranthene	1.04	1.04	1.04	6.8E-07	2.3E-07	1.0E-12	9.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.393	0.393	0.393	2.6E-08	8.6E-09	3.9E-14	3.4E-08				
218-01-9	~Chrysene	0.865	0.865	0.865	5.6E-09	1.9E-09	8.6E-15	7.5E-09				
53-70-3	~Dibenz[a,h]anthracene	0.129	0.129	0.129	8.4E-07	2.8E-07	1.3E-12	1.1E-06				
206-44-0	~Fluoranthene	1.9	1.9	1.9					6.1E-04	1.9E-04		7.9E-04
86-73-7	~Fluorene	0.0655	0.0655	0.0655					2.1E-05	6.5E-06		2.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.533	0.533	0.533	3.5E-07	1.2E-07	5.3E-13	4.6E-07				
91-57-6	~Methylnaphthalene, 2-	0.0661	0.0661	0.0661					2.1E-04	6.5E-05		2.8E-04
91-20-3	~Naphthalene	0.0553	0.0553	0.0553	9.5E-09	3.5E-09	1.4E-08	2.7E-08	3.5E-05	1.1E-05	3.6E-04	4.0E-04
129-00-0	~Pyrene	1.56	1.56	1.56					6.6E-04	2.1E-04		8.7E-04
7782-49-2	Selenium	0.67	0.67	0.67					1.7E-03		5.4E-10	1.7E-03
7440-22-4	Silver	0.0455	0.0455	0.0455					1.2E-04			1.2E-04
7440-28-0	Thallium (Soluble Salts)	0.0743	0.0743	0.0743					9.5E-02			9.5E-02
7440-62-2	Vanadium and Compounds	18	18	18					4.6E-02		2.9E-06	4.6E-02
7440-66-6	Zinc and Compounds	78.2	78.2	78.2					3.3E-03			3.3E-03
						Cumulative:		1.4E-05				5.9E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-9 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0379	0.0379	0.0379					3.6E-08			3.6E-08
7440-36-0	Antimony (metallic)	0.283	0.283	0.283					6.1E-04		3.6E-09	6.1E-04
7440-38-2	Arsenic, Inorganic	2.14	2.14	2.14	5.9E-07	1.2E-07	1.3E-11	7.1E-07	3.7E-03	7.8E-04	5.5E-07	4.4E-03
7440-39-3	Barium	65.9	65.9	65.9					2.8E-04		5.1E-07	2.8E-04
7440-41-7	Beryllium and compounds	0.343	0.343	0.343			1.1E-12	1.1E-12	1.5E-04		6.6E-08	1.5E-04
7440-43-9	Cadmium (Diet)	0.249	0.249	0.249			6.2E-13	6.2E-13	2.1E-03	3.6E-04	9.6E-08	2.5E-03
18540-29-9	Chromium(VI)	0.518	0.518	0.518	2.5E-08		7.8E-12	2.5E-08	4.9E-04		6.6E-08	4.9E-04
7440-48-4	Cobalt	4.34	4.34	4.34			5.4E-11	5.4E-11	1.2E-02		2.8E-06	1.2E-02
7440-50-8	Copper	18.8	18.8	18.8					4.0E-04			4.0E-04
132-64-9	~Dibenzofuran	0.0409	0.0409	0.0409					3.5E-05			3.5E-05
7439-92-1	~Lead and Compounds	72.9	72.9	72.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	161	161	161					5.7E-03		1.2E-05	5.8E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0367	0.0367	0.0367					1.0E-04		4.7E-10	1.0E-04
7440-02-0	Nickel Soluble Salts	8.58	8.58	8.58			3.1E-12	3.1E-12	3.7E-04		3.3E-06	3.7E-04
14797-55-8	Nitrate (measured as nitrogen)	1.76	1.76	1.76					9.4E-07			9.4E-07
83-32-9	~Acenaphthene	0.074	0.074	0.074					1.1E-06	5.8E-07		1.6E-06
120-12-7	~Anthracene	0.223	0.223	0.223					6.4E-07	3.5E-07		9.9E-07
56-55-3	~Benz[a]anthracene	0.861	0.861	0.861	2.6E-08	1.4E-08	9.0E-10	4.2E-08				
50-32-8	~Benzo[a]pyrene	0.777	0.777	0.777	2.4E-07	1.3E-07	6.4E-13	3.7E-07	2.2E-03	1.2E-03	1.5E-06	3.4E-03
205-99-2	~Benzo[b]fluoranthene	1.04	1.04	1.04	3.2E-08	1.7E-08	8.6E-14	4.9E-08				
207-08-9	~Benzo[k]fluoranthene	0.393	0.393	0.393	1.2E-09	6.6E-10	3.2E-15	1.9E-09				
218-01-9	~Chrysene	0.865	0.865	0.865	2.6E-10	1.5E-10	7.1E-16	4.1E-10				
53-70-3	~Dibenz[a,h]anthracene	0.129	0.129	0.129	3.9E-08	2.2E-08	1.1E-13	6.1E-08				
206-44-0	~Fluoranthene	1.9	1.9	1.9					4.1E-05	2.2E-05		6.3E-05
86-73-7	~Fluorene	0.0655	0.0655	0.0655					1.4E-06	7.7E-07		2.2E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.533	0.533	0.533	1.6E-08	9.0E-09	4.4E-14	2.5E-08				
91-57-6	~Methylnaphthalene, 2-	0.0661	0.0661	0.0661					1.4E-05	7.8E-06		2.2E-05
91-20-3	~Naphthalene	0.0553	0.0553	0.0553	2.0E-09	1.1E-09	3.1E-09	6.3E-09	2.4E-06	1.3E-06	8.5E-05	8.9E-05
129-00-0	~Pyrene	1.56	1.56	1.56					4.5E-05	2.4E-05		6.9E-05
7782-49-2	Selenium	0.67	0.67	0.67					1.1E-04		1.3E-10	1.1E-04
7440-22-4	Silver	0.0455	0.0455	0.0455					7.8E-06			7.8E-06
7440-28-0	Thallium (Soluble Salts)	0.0743	0.0743	0.0743					6.4E-03			6.4E-03
7440-62-2	Vanadium and Compounds	18	18	18					3.1E-03		6.9E-07	3.1E-03
7440-66-6	Zinc and Compounds	78.2	78.2	78.2					2.2E-04			2.2E-04
						Cumulative:		1.3E-06				4.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000822

Exposure Unit ID: SED-9 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0379	0.0379	0.0379					2.3E-07			2.3E-07
7440-36-0	Antimony (metallic)	0.283	0.283	0.283					3.9E-03		5.4E-10	3.9E-03
7440-38-2	Arsenic, Inorganic	2.14	2.14	2.14	**1.2E-06**	1.7E-07	2.0E-12	**1.4E-06**	2.3E-02	2.8E-03	8.2E-08	2.6E-02
7440-39-3	Barium	65.9	65.9	65.9					1.8E-03		7.6E-08	1.8E-03
7440-41-7	Beryllium and compounds	0.343	0.343	0.343			1.8E-13	1.8E-13	9.4E-04		9.9E-09	9.4E-04
7440-43-9	Cadmium (Diet)	0.249	0.249	0.249			9.6E-14	9.6E-14	1.4E-02	1.3E-03	1.4E-08	1.5E-02
18540-29-9	Chromium(VI)	0.518	0.518	0.518	2.3E-07		3.4E-12	2.3E-07	3.2E-03		1.0E-08	3.2E-03
7440-48-4	Cobalt	4.34	4.34	4.34			8.4E-12	8.4E-12	7.9E-02		4.2E-07	7.9E-02
7440-50-8	Copper	18.8	18.8	18.8					2.6E-03			2.6E-03
132-64-9	~Dibenzofuran	0.0409	0.0409	0.0409					2.2E-04			2.2E-04
7439-92-1	~Lead and Compounds	72.9	72.9	72.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	161	161	161					3.7E-02		1.9E-06	3.7E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0367	0.0367	0.0367					6.7E-04		7.1E-11	6.7E-04
7440-02-0	Nickel Soluble Salts	8.58	8.58	8.58			4.8E-13	4.8E-13	2.4E-03		5.0E-07	2.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.76	1.76	1.76					6.0E-06			6.0E-06
83-32-9	~Acenaphthene	0.074	0.074	0.074					6.8E-06	2.1E-06		8.8E-06
120-12-7	~Anthracene	0.223	0.223	0.223					4.1E-06	1.3E-06		5.3E-06
56-55-3	~Benz[a]anthracene	0.861	0.861	0.861	2.4E-07	8.0E-08	3.9E-10	3.2E-07				
50-32-8	~Benzo[a]pyrene	0.777	0.777	0.777	**2.2E-06**	7.3E-07	2.8E-13	**2.9E-06**	1.4E-02	4.4E-03	2.2E-07	1.9E-02
205-99-2	~Benzo[b]fluoranthene	1.04	1.04	1.04	2.9E-07	9.7E-08	3.7E-14	3.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.393	0.393	0.393	1.1E-08	3.7E-09	1.4E-15	1.5E-08				
218-01-9	~Chrysene	0.865	0.865	0.865	2.4E-09	8.1E-10	3.1E-16	3.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.129	0.129	0.129	3.6E-07	1.2E-07	4.6E-14	4.8E-07				
206-44-0	~Fluoranthene	1.9	1.9	1.9					2.6E-04	8.0E-05		3.4E-04
86-73-7	~Fluorene	0.0655	0.0655	0.0655					9.0E-06	2.8E-06		1.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.533	0.533	0.533	1.5E-07	5.0E-08	1.9E-14	2.0E-07				
91-57-6	~Methylnaphthalene, 2-	0.0661	0.0661	0.0661					9.1E-05	2.8E-05		1.2E-04
91-20-3	~Naphthalene	0.0553	0.0553	0.0553	4.1E-09	1.5E-09	4.8E-10	6.1E-09	1.5E-05	4.7E-06	1.3E-05	3.3E-05
129-00-0	~Pyrene	1.56	1.56	1.56					2.8E-04	8.8E-05		3.7E-04
7782-49-2	Selenium	0.67	0.67	0.67					7.3E-04		1.9E-11	7.3E-04
7440-22-4	Silver	0.0455	0.0455	0.0455					5.0E-05			5.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0743	0.0743	0.0743					4.1E-02			4.1E-02
7440-62-2	Vanadium and Compounds	18	18	18					2.0E-02		1.0E-07	2.0E-02
7440-66-6	Zinc and Compounds	78.2	78.2	78.2					1.4E-03			1.4E-03
						Cumulative:		5.9E-06				2.5E-01