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-11A
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

July 13, 2026

July 13, 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-11A
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-11A 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.

Madison Allen
Environmental Scientist II
madisonallen@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-11A 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 LFGPs are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I.** On January 20, 2026, landfill 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

During the screening event, VOCs were not detected at any of the LFGP screening locations.

2.2.2 Methane

During the screening event, methane was detected at LFGP-6; the concentration did not exceed the lower explosive limit (LEL) for methane. Methane was not detected in the remaining LFGP screening locations.

2.2.3 Hydrogen Sulfide

During the screening event, hydrogen sulfide was not detected at any of the LFGPs screening locations. The landfill gas screening results are summarized in **Table 2** and shown on **Figure 2**.

2.3 Landfill Gas Sampling

On January 20, 2026, 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, Hydrogen sulfide by EPA Method ASTM D5504, and Mercury by NIOSH 6009.

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 SUMMA 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 SUMMA 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 SUMMA 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.

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, LFGP-9, 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 on **Figure 3**. The field notes are included in **Appendix II**. The laboratory reports and chain of custody forms are included in **Appendix III**.

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

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 January 19 and 20, 2026, the depth to groundwater was measured in each 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-9A. 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 II**. 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 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 by EPA Method 353.1/353.2, sulfate by EPA Method SM 4500, 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 from multiple monitor wells 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 January 29, 2026, 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 SW/SED-1 through SW/SED-9 are shown on **Figure 6** and **Figure 7,** respectively.

Surface water and stream sediment samples were collected, placed in a cooler with ice, and delivered under chain-of-custody protocol to Eurofins. Analysis includes VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E 1-4, dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7471B, nitrate by EPA Method 350.1/350.2, sulfate by EPA Method SM 4500, 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.

Copper and lead were detected at multiple sample points exceeding the North Carolina 2B Standards of 2.7 and 0.45 µg/L, respectively.

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 III**.

The NCDEQ Risk Calculator was used to assess the risk for direct contact of soil. The carcinogenic risk and non-carcinogenic hazard index for each of the sediment sample locations were not exceeded for all 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 2 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 direct contact resident 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. None of the sample locations exceeded risk for the direct contact resident, non-residential worker, or recreator/trespasser receptor.

Appendix IV 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, named 822-LFGP-DUP, was collected on January 20, 2026, 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 822-MW-Dup-1, was collected on January 19, 2026, from MW-7. Another duplicate, called 822-MW-Dup-2, was collected from MW-1 on January 20, 2026. 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 both surface water and sediment. The duplicates were collected from SW-6/SED-6 on January 29, 2026. Duplicates were collected separately as 822-SW-DUP and 822-SED-DUP, respectively. Analytical results of the surface water duplicate sample were within an acceptable relative difference with the record sample.

- The sediment duplicate sample results were not within an acceptable relative difference. Utilizing the contaminant results with the greatest difference (the duplicate sample had a result for lead at 973 mg/kg while SED-6 had a concentration of 20.5 mg/kg), the relative percent difference was calculated to be 192%, with an acceptance criterion of approximately 50% and below for soils. For risk assessment purposes, the larger values are used in the NCDEQ calculator.

Trip Blank

- One trip blank sample of laboratory provided Deionized Water was kept with the laboratory samples throughout the surface water sampling event and analyzed for VOCs by 8260D. Acetone was reported above the laboratory's detection limit, at a result of 8.97 ug/L with a J flag, designating the result as an approximation.

7.0 Work Plan Deviation

A trip blank sample of laboratory provided Deionized Water was not provided by the laboratory and was not kept with the laboratory samples throughout the ground water sampling event.

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 Order 822RI-11A 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

July 13, 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 13 day of July, 2026.

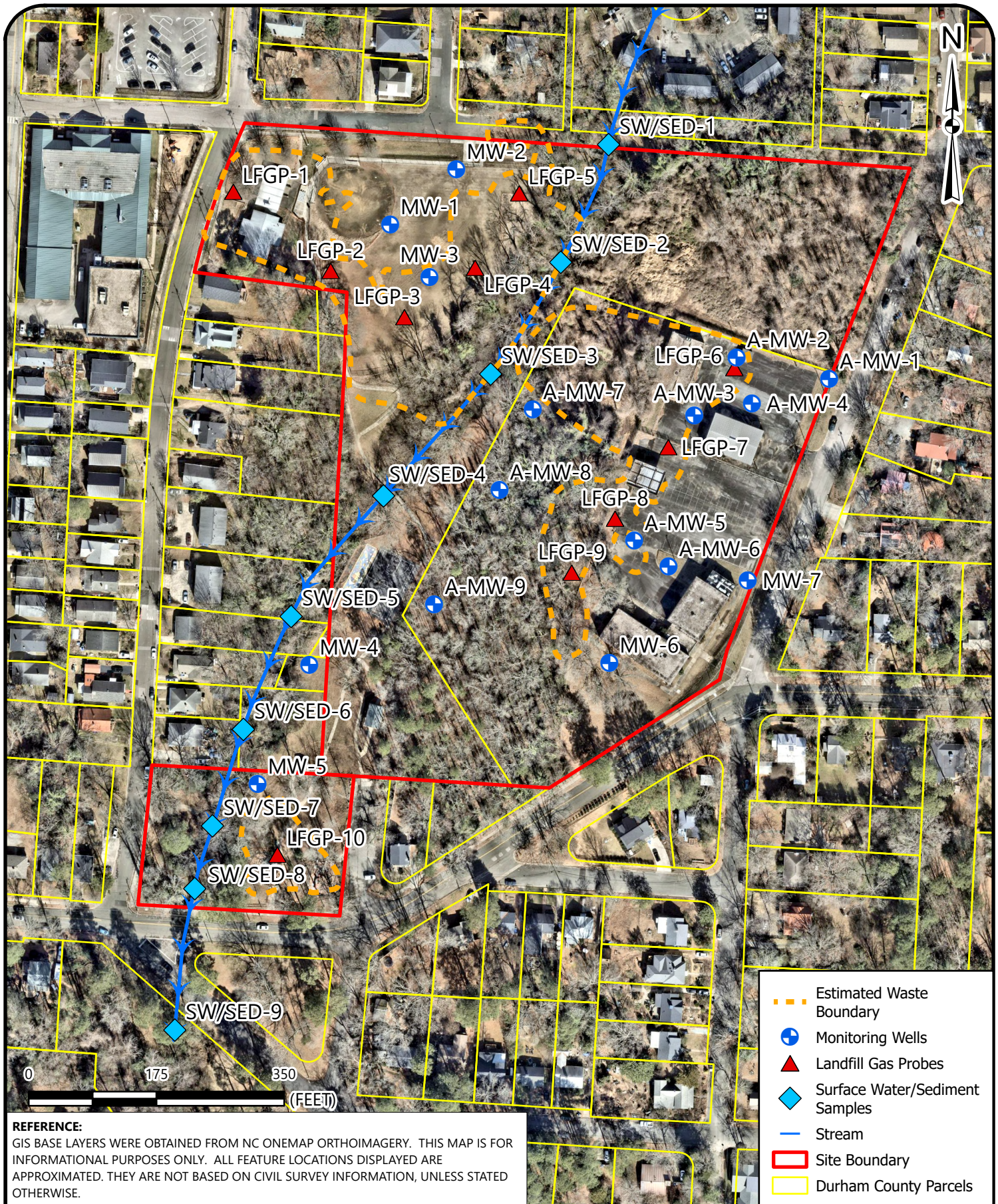
(OFFICIAL SEAL)

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



REFERENCE:
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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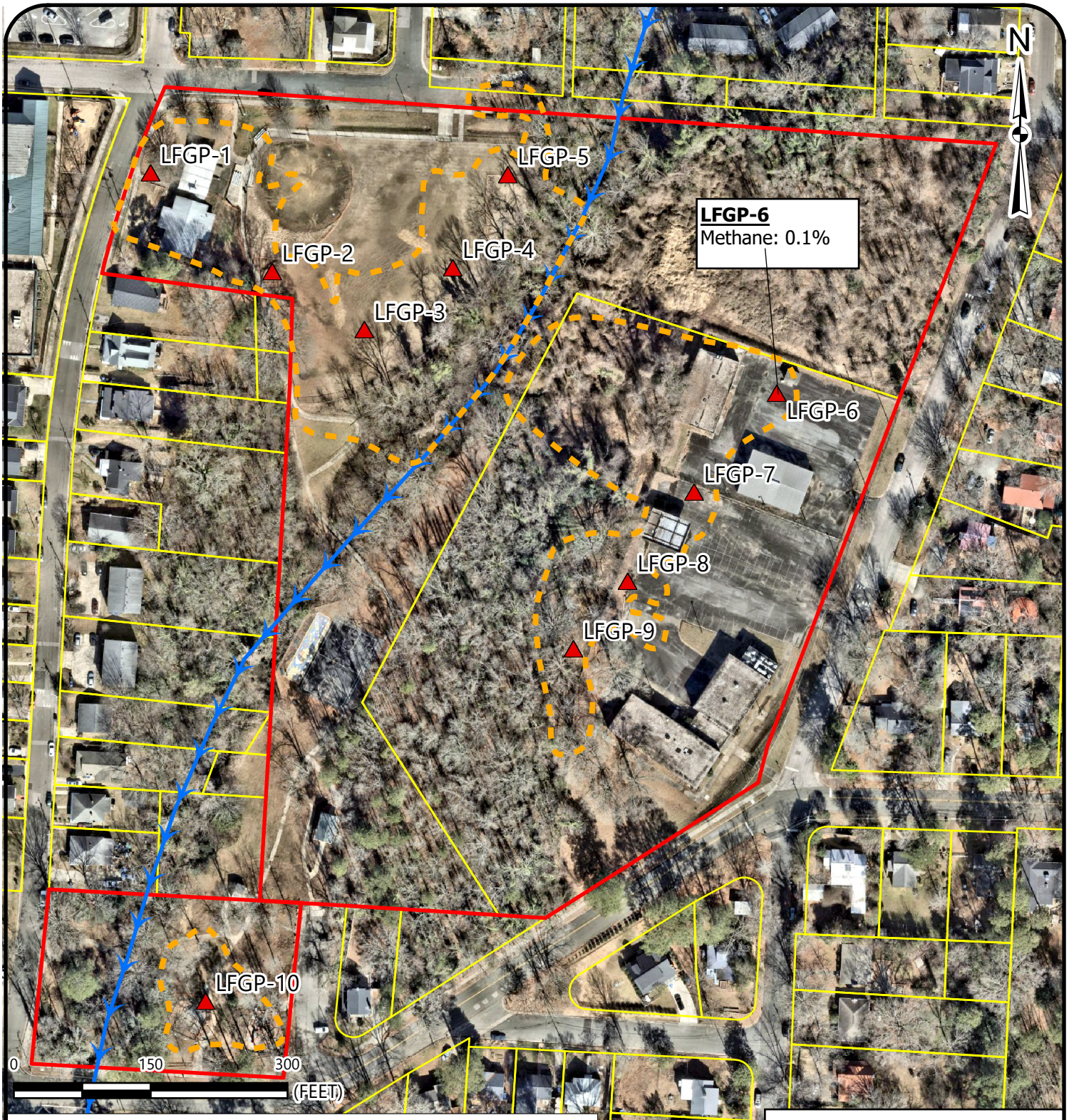
SITE MAP

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 3/18/2026
PROJECT NUMBER 23050630
FIGURE NO. 1



NOTES:
LANDFILL GAS SCREENING WAS CONDUCTED ON JANUARY 20, 2026. ONLY SCREENING RESULTS ABOVE THE BACKGROUND LEVELS ARE SHOWN. METHANE IS MEASURED IN PERCENT BY VOLUME.
RESULTS FROM SCREENING EVENT ARE 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. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

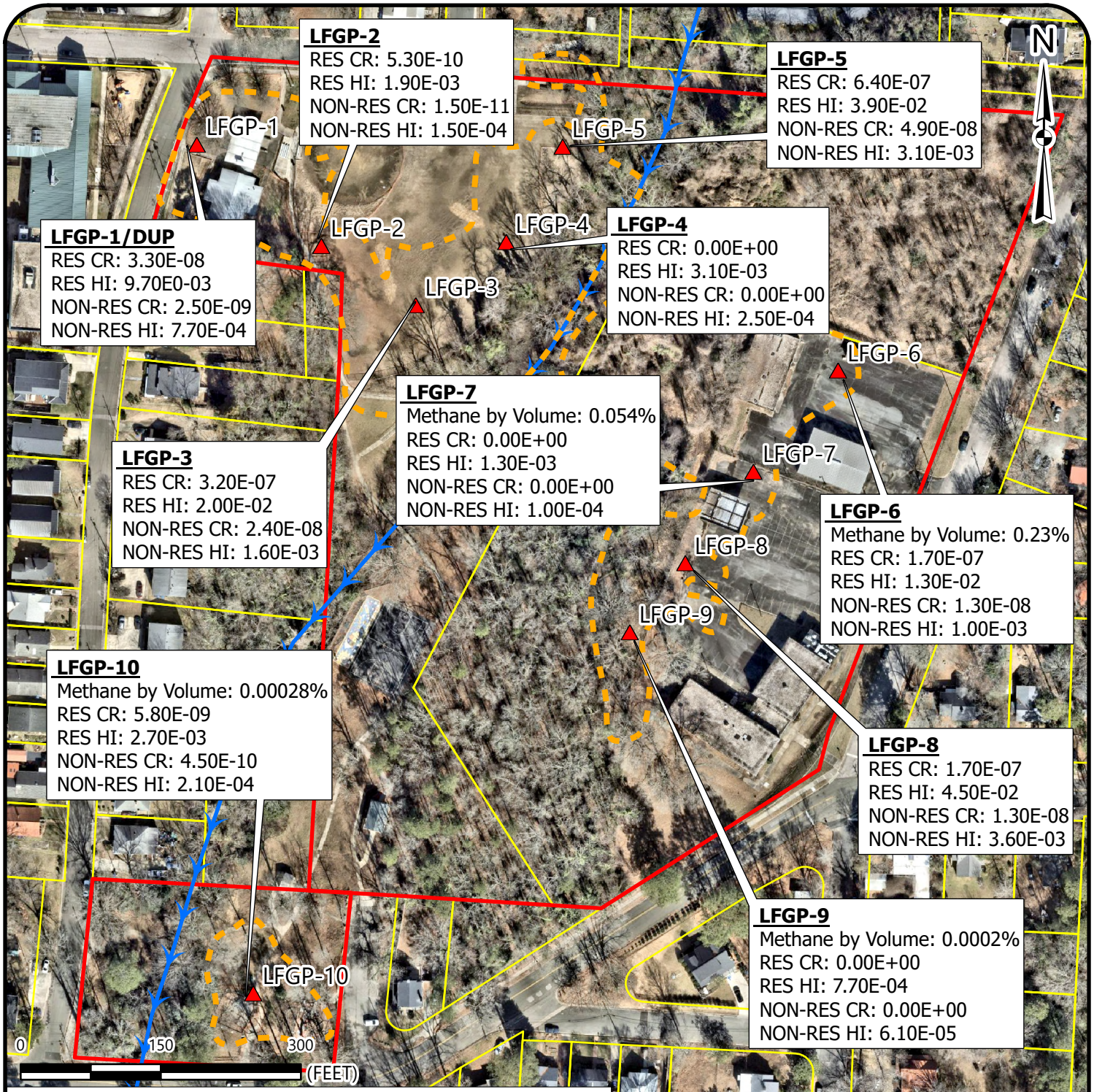
- Landfill Gas Probes
- Estimated Waste Boundary
- Stream
- Site Boundary
- Durham County Parcels

LANDFILL GAS SCREENING RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 150 ft	2
DATE: 3/18/2026	
PROJECT NUMBER 23050630	

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-11 Figures\Lyon\Lyon RI-11.aprx Plotted by:



LFGP-2
RES CR: 5.30E-10
RES HI: 1.90E-03
NON-RES CR: 1.50E-11
NON-RES HI: 1.50E-04

LFGP-5
RES CR: 6.40E-07
RES HI: 3.90E-02
NON-RES CR: 4.90E-08
NON-RES HI: 3.10E-03

LFGP-1/DUP
RES CR: 3.30E-08
RES HI: 9.70E0-03
NON-RES CR: 2.50E-09
NON-RES HI: 7.70E-04

LFGP-4
RES CR: 0.00E+00
RES HI: 3.10E-03
NON-RES CR: 0.00E+00
NON-RES HI: 2.50E-04

LFGP-7
Methane by Volume: 0.054%
RES CR: 0.00E+00
RES HI: 1.30E-03
NON-RES CR: 0.00E+00
NON-RES HI: 1.00E-04

LFGP-3
RES CR: 3.20E-07
RES HI: 2.00E-02
NON-RES CR: 2.40E-08
NON-RES HI: 1.60E-03

LFGP-6
Methane by Volume: 0.23%
RES CR: 1.70E-07
RES HI: 1.30E-02
NON-RES CR: 1.30E-08
NON-RES HI: 1.00E-03

LFGP-10
Methane by Volume: 0.00028%
RES CR: 5.80E-09
RES HI: 2.70E-03
NON-RES CR: 4.50E-10
NON-RES HI: 2.10E-04

LFGP-8
RES CR: 1.70E-07
RES HI: 4.50E-02
NON-RES CR: 1.30E-08
NON-RES HI: 3.60E-03

LFGP-9
Methane by Volume: 0.0002%
RES CR: 0.00E+00
RES HI: 7.70E-04
NON-RES CR: 0.00E+00
NON-RES HI: 6.10E-05

NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON JANUARY 20, 2026. SAMPLING LOCATIONS THAT EXCEED THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE (5%) ARE SHOWN IN RED.
DUPLICATE SAMPLE 822-LFGP-DUP WAS COLLECTED AT LFGP-1.
NCDEQ RISK CALCULATOR 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

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.

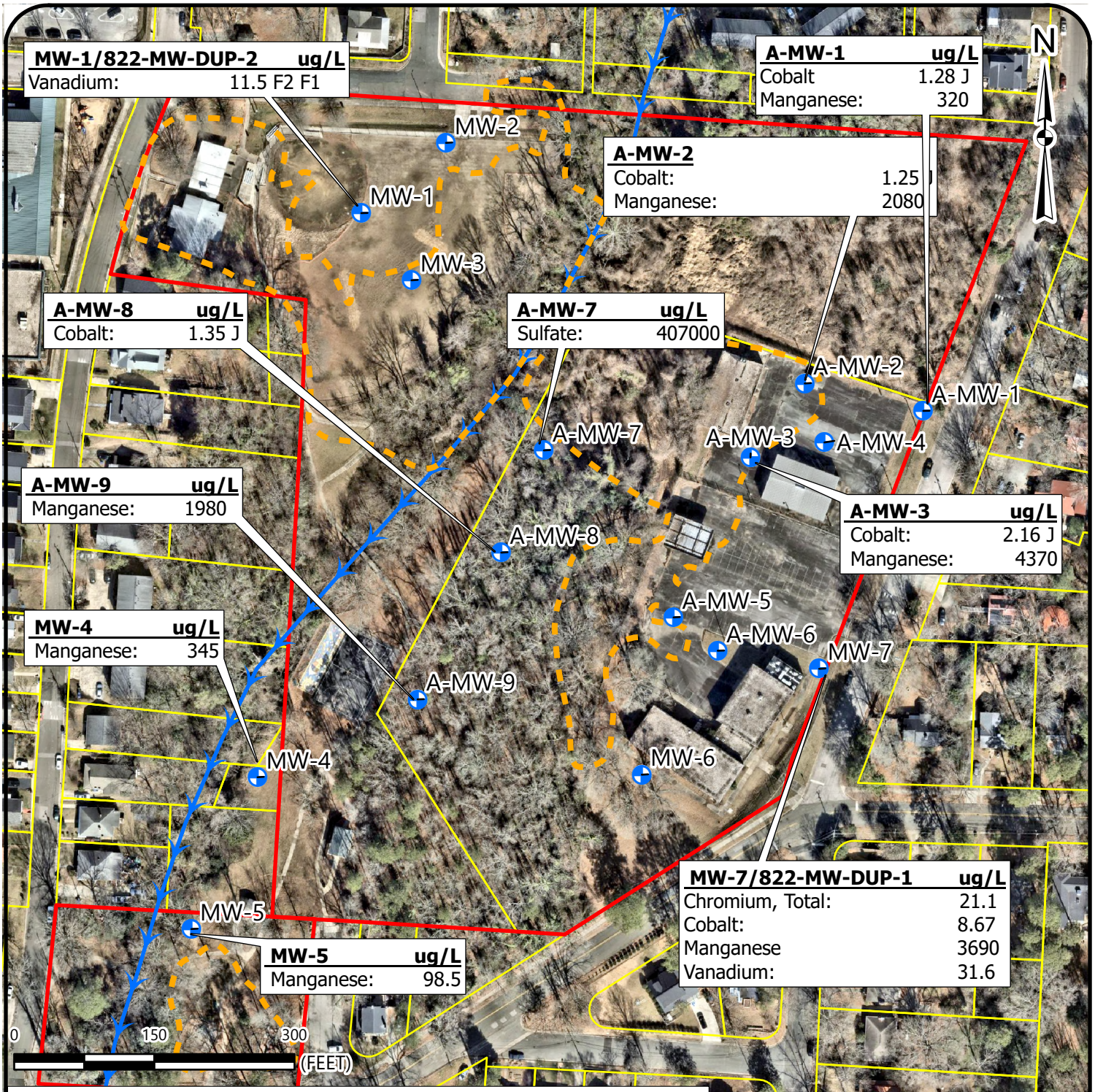
Landfill Gas Probes
Estimated Waste Boundary
Stream
Site Boundary
Durham County Parcels

LANDFILL GAS ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/16/2026
PROJECT NUMBER 23050630
FIGURE NO. 3

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-11 Figures\Lyon\Lyon RI-11.aprx Plotted by:



NOTES:

GROUNDWATER SAMPLING WAS CONDUCTED ON JANUARY 19-20, 2026. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). DUPLICATE SAMPLES WERE COLLECTED FROM MW-1 AND MW-7. THE HIGHER CONCENTRATIONS ARE SHOWN.

J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.

F1: MS AND OR MSD RECOVERY EXCEEDS LIMITS.

F2: MS/MSD RPD EXCEEDS CONTROL LIMITS.

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.

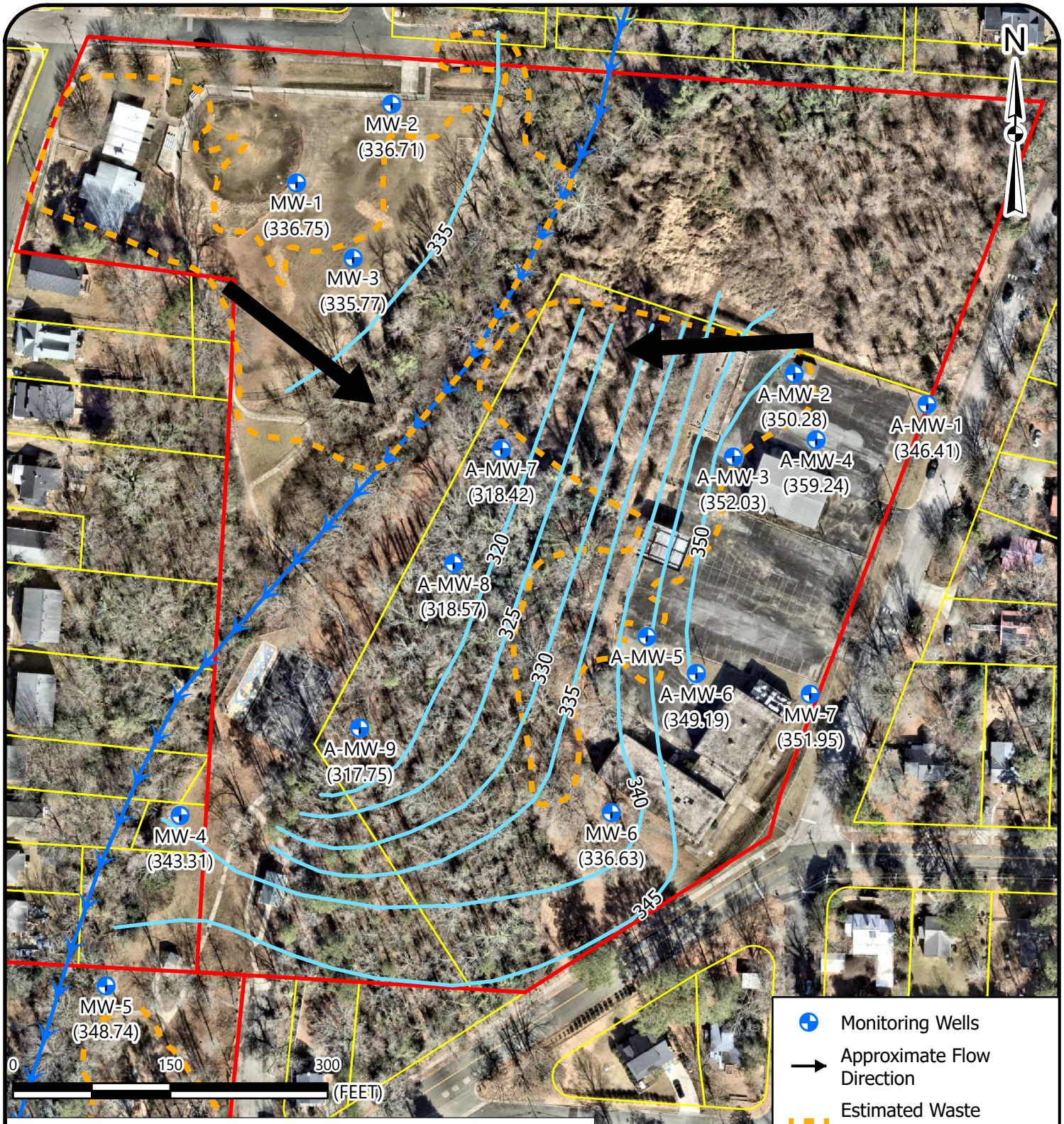
Monitoring Wells
Stream
Estimated Waste Boundary
Site Boundary
Durham County Parcels

GROUNDWATER ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/16/2026
PROJECT NUMBER 23050630
FIGURE NO. 4

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-11 Figures\Lyon\Lyon RI-11.aprx Plotted by:



NOTES:
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN ON JANUARY 19 & 20, 2026.
ELEVATION IS MEASURED IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL).
APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROWS. A-MW-5 WAS DRY.

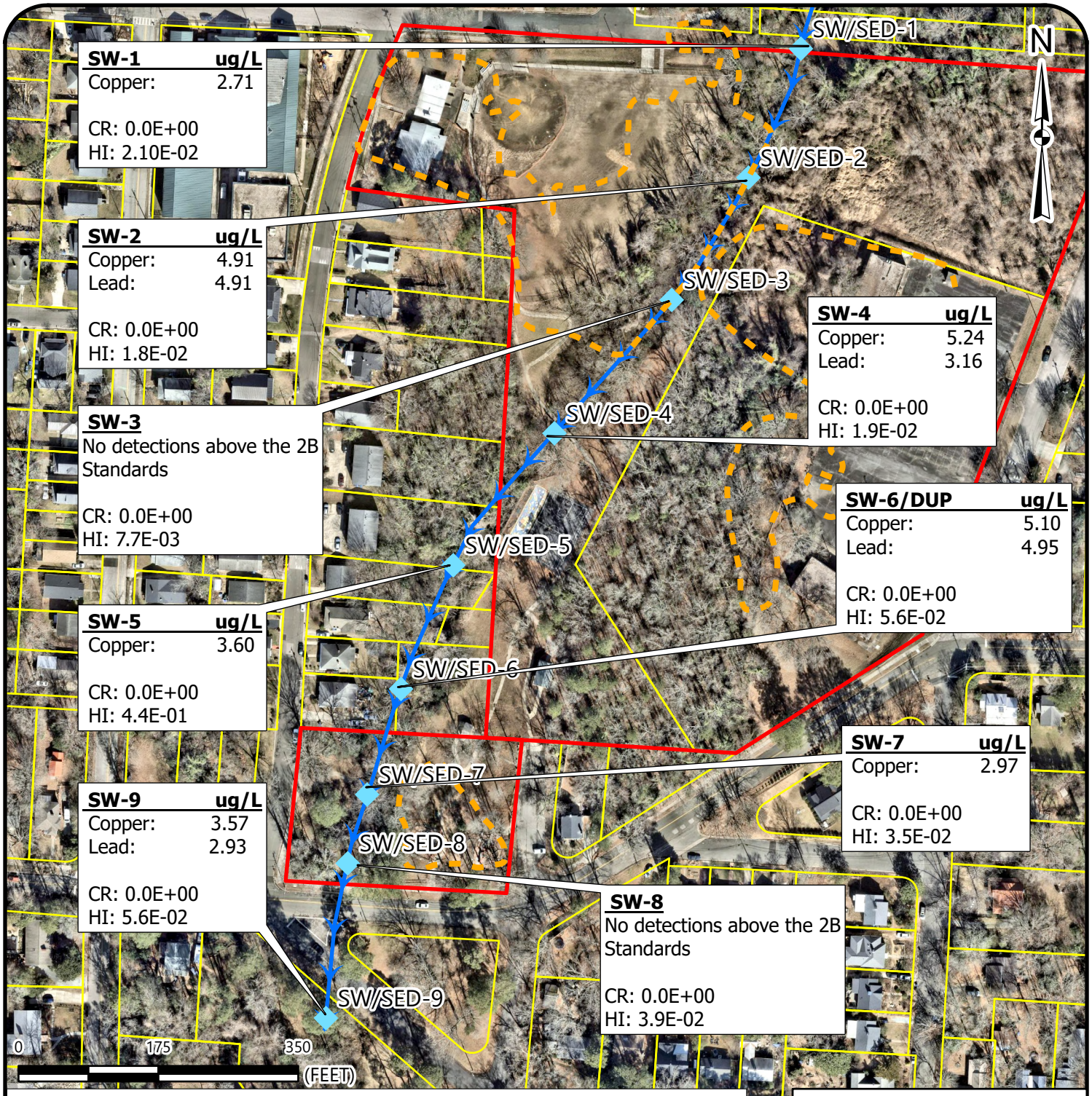
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NC ONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER POTENTIOMETRIC MAP

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/18/2026
PROJECT NUMBER 23050630
FIGURE NO. 5

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-11 Figures\Lyon\Lyon RI-11.aprx Plotted by: Madison Allen



NOTES:
SURFACE WATER SAMPLING WAS CONDUCTED ON JANUARY 29, 2026. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2B SURFACE WATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). A DUPLICTE SAMPLE WAS TAKEN AT SW-6. 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.

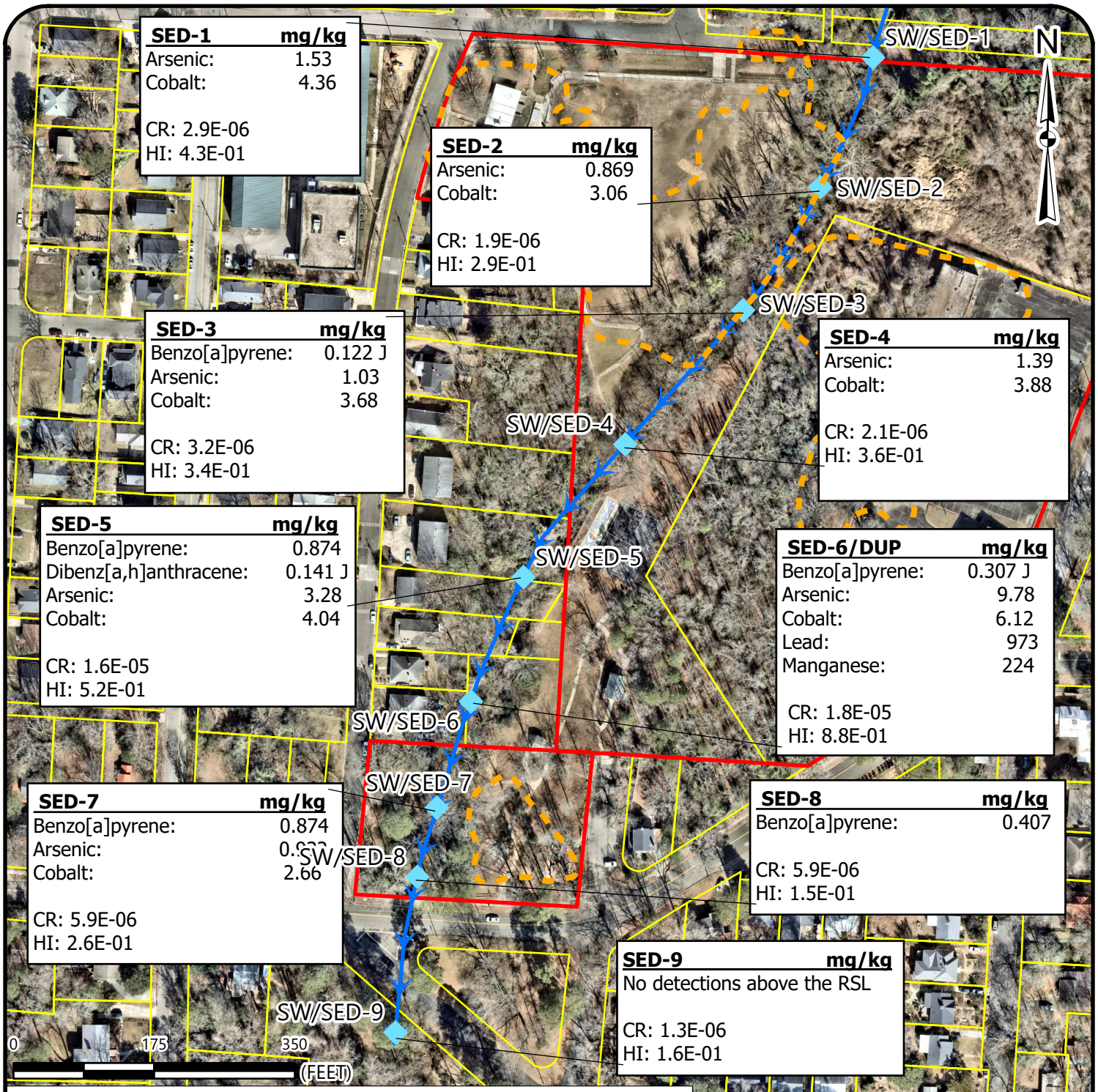
- Estimated Waste Boundary
- Surface Water/Sediment Samples
- Stream
- Site Boundary
- Durham County Parcels

SURFACE WATER ANALYTICAL RESULTS

LYON PARK
NCDEQ ID NO. NONCD0000822, TASK ORDER 822RI-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 3/18/2026
PROJECT NUMBER 23050630
FIGURE NO. 6

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-11 Figures\Lyon\Lyon RI-11.aprx Plotted by:



SED-1	mg/kg
Arsenic:	1.53
Cobalt:	4.36
CR: 2.9E-06	
HI: 4.3E-01	

SED-2	mg/kg
Arsenic:	0.869
Cobalt:	3.06
CR: 1.9E-06	
HI: 2.9E-01	

SED-3	mg/kg
Benzo[a]pyrene:	0.122 J
Arsenic:	1.03
Cobalt:	3.68
CR: 3.2E-06	
HI: 3.4E-01	

SED-4	mg/kg
Arsenic:	1.39
Cobalt:	3.88
CR: 2.1E-06	
HI: 3.6E-01	

SED-5	mg/kg
Benzo[a]pyrene:	0.874
Dibenz[a,h]anthracene:	0.141 J
Arsenic:	3.28
Cobalt:	4.04
CR: 1.6E-05	
HI: 5.2E-01	

SED-6/DUP	mg/kg
Benzo[a]pyrene:	0.307 J
Arsenic:	9.78
Cobalt:	6.12
Lead:	973
Manganese:	224
CR: 1.8E-05	
HI: 8.8E-01	

SED-7	mg/kg
Benzo[a]pyrene:	0.874
Arsenic:	[illegible]
Cobalt:	2.66
CR: 5.9E-06	
HI: 2.6E-01	

SED-8	mg/kg
Benzo[a]pyrene:	0.407
CR: 5.9E-06	
HI: 1.5E-01	

SED-9	mg/kg
No detections above the RSL	
CR: 1.3E-06	
HI: 1.6E-01	

NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON JANUARY 29, 2026. 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). A DUPLICATE SAMPLE WAS COLLECTED AT SED-6. THE HIGHEST CONCENTRATION BETWEEN THE TWO IS SHOWN.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
B: COMPOUND WAS FOUND IN THE BLANK AND SAMPLE.
CR: CARCINCOGENIC 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-11A
1101 CORNELL STREET & 1200 W. LAKEWOOD AVE
DURHAM, DURHAM COUNTY, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 3/16/2026
PROJECT NUMBER 23050630
FIGURE NO. 7

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-11 Figures\Lyon\Lyon RI-11.aprx Plotted by: MadisonAllen

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-11A

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-11A

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	1/20/2026	0.0	0.0	0.0	0.0
LFGP-2	1/20/2026	0.0	0.0	0.0	0.0
LFGP-3	1/20/2026	0.0	0.0	0.0	0.0
LFGP-4	1/20/2026	0.0	0.0	0.0	0.0
LFGP-5	1/20/2026	0.0	0.0	0.0	0.0
LFGP-6	1/20/2026	0.0	0.1	2.0	0.0
LFGP-7	1/20/2026	0.0	0.0	0.0	0.0
LFGP-8	1/20/2026	0.0	0.0	0.0	0.0
LFGP-9	1/20/2026	0.0	0.0	0.0	0.0
LFGP-10	1/20/2026	0.0	0.0	0.0	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-11A

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
			Date Collected	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026	1/20/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	4-Methyl-2-pentanone (MIBK)	108-10-1		<1.1	<1.0	<1.0	**4.4**	<1.0	<1.1	<0.94	<1.2	<1.1	<1.2	<1.2
	Acetone	67-64-1		<6.5	**7.0 J**	**7.4 J**	**8.2 J**	**6.3 J**	**7.0 J**	**11 J**	**14 J**	**15 J**	**31**	<6.9
	Benzene	71-43-2		<0.88	<0.78	<0.81	<0.80	<0.79	**2.0 J**	<0.73	<0.91	<0.87	<0.90	<0.95
	Carbon Disulfide	75-15-0		<3.4	**3.2 J**	**3.7 J**	**8.7 J**	<3.0	<3.2	<2.8	<3.5	<3.3	<3.5	<3.6
	Chloroform	67-66-3		<1.4	<1.2	**1.3 J**	<1.2	**2.6 J**	<1.3	<1.1	<1.4	<1.3	<1.4	<1.5
	Cyclohexane	110-82-7		<0.95	<0.84	<0.87	<0.87	<0.85	**2.7**	<0.79	<0.98	<0.93	<0.97	<1.0
	Dichlorodifluoromethane	75-71-8		**1.8 J**	**1.8 J**	**2.2 J**	**1.8 J**	**1.9 J**	**39**	**2.5 J**	**2.4 J**	**2.5 J**	<2.4	**1.6 J**
	Ethanol	64-17-5		<5.1	**13 J**	<4.7	<4.7	<4.6	<4.8	**4.4 J**	<5.3	**5.8 J**	<5.2	<5.5
	Hexane	110-54-3		<0.97	**0.87 J**	<0.90	<0.89	<0.87	<0.91	<0.81	<1.0	<0.96	<0.99	<1.0
	Methylene chloride	75-09-2		<1.9	**1.8 J**	<1.7	<1.7	<1.7	<1.7	<1.5	<1.9	<1.8	<1.9	<2.0
	2-Propanol	67-63-0		**3.2 J**	**7.7**	**3.3 J**	**15**	**3.5 J**	<2.5	**3.7 J**	**9.8**	<2.6	**8.1 J**	**4.0 J**
	Tetrachloroethylene (PCE)	127-18-4		**11**	<1.7	<1.7	<1.7	<1.7	<1.8	<1.6	**60**	<1.8	**2.1 J**	**12**
	Toluene	108-88-3		**3.2 J**	**8.8**	**3.4 J**	**4.7 J**	**2.8 J**	**8.4**	**6.3**	**4.6 J**	**8.3**	**3.3 J**	**2.8 J**
	Trichlorofluoromethane	75-69-4		<1.6	**2.6 J**	<1.4	<1.4	<1.4	<1.5	<1.3	<1.6	<1.5	<1.6	<1.7
ASTM D5504-12 (ug/m3)	Hydrogen Sulfide	7783-06-4		<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
NIOSH 6009 (µg/m3)	Mercury	7439-97-6		<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
EPA Method 3C (%)	Methane	74-82-8		<0.000054	<0.000048	<0.000049	<0.000049	<0.000048	**0.23**	**0.054**	<0.000055	**0.0002**	**0.00028**	<0.000058
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk		3.30E-08	5.30E-10	3.20E-07	0.00E+00	6.40E-07	1.70E-07	0.00E+00	1.70E-07	0.00E+00	5.80E-09	See LFGP-1 Risk Assessment
		Non-Carcinogenic Hazard Quotient		9.70E-03	1.90E-03	2.00E-02	3.10E-03	3.90E-02	1.30E-02	1.30E-03	4.50E-02	7.70E-04	2.70E-03	
	Vapor Intrusion Non-Residential Worker Soil Gas to Indoor Air	Cumulative Carcinogenic Risk		2.50E-09	1.50E-11	2.40E-08	0.00E+00	4.90E-08	1.30E-08	0.00E+00	1.30E-08	0.00E+00	4.50E-10	
		Non-Carcinogenic Hazard Quotient		7.70E-04	1.50E-04	1.60E-03	2.50E-04	3.10E-03	1.00E-03	1.00E-04	3.60E-03	6.10E-05	2.10E-04	

Notes:
µg/m^3: micrograms per cubic meter.
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.
822-LFGP-DUP was collected at LFGP-1
NCDEQ Risk Calculator Values shown in red exceed risk.

TABLE 4
Groundwater Monitor Well Construction Details & Groundwater Levels
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-11A

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	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	1/20/2026	11.22	336.75
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	1/20/2026	10.81	336.71
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	1/20/2026	11.10	335.77
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	1/20/2026	3.72	343.31
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	1/20/2026	3.15	348.74
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	1/20/2026	22.79	336.63
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	1/19/2026	17.16	351.95
A-MW-1	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	27.0	Unknown construction features - well previously installed					371.06	1/19/2026	24.65	346.41
A-MW-2	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	23.0	Unknown construction features - well previously installed					368.80	1/19/2026	18.52	350.28
A-MW-3	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	27.0	Unknown construction features - well previously installed					369.09	1/19/2026	17.06	352.03
A-MW-4	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	20.0	Unknown construction features - well previously installed					369.49	1/19/2026	10.25	359.24
A-MW-5	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	16.0	Unknown construction features - well previously installed					369.11	1/19/2026	DRY	N/A
A-MW-6	Unknown	Flush Mount - Monitoring Well	2-in Sch 40 PVC	29.0	Unknown construction features - well previously installed					370.44	1/19/2026	21.25	349.19
A-MW-7	Unknown	Stick-up - Monitoring Well	2-in Sch 40 PVC	Unknown	Unknown construction features - well previously installed					326.54	1/20/2026	8.12	318.42
A-MW-8	Unknown	Stick-up - Monitoring Well	2-in Sch 40 PVC	24.0	Unknown construction features - well previously installed					327.37	1/20/2026	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	1/20/2026	15.22	317.75

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

TABLE 5

Groundwater 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-11A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	1/20/2026	7.60	15.50	801	1.4
MW-2	1/20/2026	6.92	15.40	748	2.7
MW-3	1/20/2026	7.13	15.20	685	3.82
MW-4	1/20/2026	7.14	13.50	678	4.61
MW-5	1/20/2026	7.80	13.50	512	11
MW-6	1/20/2026	7.40	15.30	560	1.3
MW-7	1/19/2026	7.00	18.30	280	143
A-MW-1	1/19/2026	7.00	17.70	715	41
A-MW-2	1/19/2026	6.77	18.10	924	1.15
A-MW-3	1/19/2026	6.45	17.50	460	2.6
A-MW-4	1/19/2026	7.73	18.10	230	2.59
A-MW-5	1/19/2026	Dry			
A-MW-6	1/19/2026	7.41	16.80	683	0.91
A-MW-7	1/20/2026	7.30	13.10	1785	0.01
A-MW-8	1/20/2026	7.00	13.80	1098	0.17
A-MW-9	1/20/2026	6.31	11.90	348	1.82

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-11A

Analytical Method		Method 6020B - Metals (µg/L)											Method 7471B (µg/L)	Method 350.1 (µg/L)	Method 353.2 (µg/L)	Method 9056A (µg/L)
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	7440-28-0	7440-62-2	7440-66-6	7439-97-6	7664-41-7	14797-55-8	14808-79-8
Analyte		Arsenic	Barium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Thallium	Vanadium	Zinc	Mercury	Ammonia Nitrogen	Nitrate as (N)	Sulfate
Sample ID	Date Collected															
A-MW-1	1/19/2026	<1.32	117	<3.69	0.455 J	1.21 J	<0.864	44.2	4.50 J	<0.190	4.58 J	<8.91	<0.166 ^1+ ^+	25.9 J F1	456	43900
A-MW-2	1/19/2026	5.26	450	<3.69	1.25 J	0.703 J	<0.864	2080	2.10 J	<0.190	<1.22	<8.91	<0.166 ^1+ ^+	191	75 J	15800
A-MW-3	1/19/2026	<1.32	87.4	<3.69	2.16 J	4.99	<0.864	4370	4.50 J	<0.190	3.85 J	<8.91	<0.166 ^1+ ^+	<20	108	63600
A-MW-4	1/19/2026	2.61 J ^+	51.1	<3.69	<0.411	1.38 J	<0.864	4.25 J	0.841 J	<0.190	3.08 J	<8.91	<0.166 ^1+ ^+	25.2 J	35 J	7940
A-MW-6	1/19/2026	<1.32 ^+	247	<3.69	<0.411	1.68 J	<0.864	8.79	15.9	<0.190	2.66 J	<8.91	<0.166 ^1+ ^+	<20	236	21300
A-MW-7	1/20/2026	<1.32 ^+	29.5	<3.69	0.480 J	0.901 J	<0.864	4.70 J	0.634 J	<0.190	1.82 J	<8.91	<0.166	<20	160	407000
A-MW-8	1/20/2026	<1.32 ^+	42.2	<3.69	1.35 J	1.22 J	<0.864	15.3	0.547 J	<0.190	5.08	<8.91	<0.166	<20	3870	177000
A-MW-9	1/20/2026	<1.32 ^+	98.4	<3.69	0.683 J	<0.642	<0.864	1980	2.12 J	<0.190	<1.22	<8.91	<0.166	<20	78 J	44600
MW-1	1/20/2026	<1.32 F2 F1	321 F2 F1	<3.69 F2 F1	<0.411 F2 F1	0.769 J F2 F1	<0.864 F2 F1	22.3 F2 F1	<0.422 F2 F1	<0.190 F2 F1	11.5 F2 F1	<8.91 F2 F1	0.598	<20	3410	33400
MW-2	1/20/2026	<1.32	208	<3.69	<0.411	2.43	<0.864	18.7	0.687 J	<0.190	3.94 J	<8.91	<0.166	<20	1800	33300
MW-3	1/20/2026	<1.32	189	<3.69	<0.411	<0.642	<0.864	2.77 J	<0.422	<0.190	5.49	<8.91	<0.166	<20 F1	2570	25800
MW-4	1/20/2026	<1.32	235	<3.69	<0.411	0.978 J	<0.864	345	<0.422	<0.190	4.19 J	<8.91	<0.166	<20	236	34300
MW-5	1/20/2026	<1.32	141	<3.69	<0.411	<0.642	<0.864	98.5	<0.422	<0.190	1.88 J	<8.91	<0.166	37 J	<10	9770
MW-6	1/19/2026	<1.32 ^+	178	<3.69	<0.411	1.35 J	<0.864	30.1	0.519 J	<0.190	2.82 J	871	<0.166	37.2 J	141	24400
MW-7	1/19/2026	4.39 J ^+	266	21.1	8.67	16.9	7.85	732	16.8	0.271 J	31.6	40.6	<0.166 ^1+ ^+	<20	1540	9730
822-MW-DUP-1	1/19/2026	<1.32 ^+	93.9	<3.69	2.60 J	4.46	<0.864	3690	4.56 J	<0.190	3.51 J	<8.91	<0.166	20.9 J	197	65400
822-MW-DUP-2	1/20/2026	<1.32 ^+	334	<3.69	<0.411	1.59 J	<0.864	49.0	0.640 J	<0.190	10.6	<8.91	<0.166	<20	3750	33500
15A NCAC 2L Groundwater Standards & IMACs		10	700	10	1	1,000	15	50	100	2	7	1,000	1	NE	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.
F2: MS/MSD RPD exceeds control limits.
J: Estimated value less than the reporting limit but greater than the method detection limit.
^+: Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+: Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
822-MW-DUP-1 was colected from MW-7.
822-MW-DUP-2 was collected from MW-1.

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-11A

Analytical Method		Method 8270E - SVOCs (µg/L)	Method 6020B - Metals (µg/L)									Method 9056A (µg/L)		NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		84-74-2	7440-39-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-28-0	7440-62-2	7440-66-6	14797-55-8	14808-79-8		
Analyte		Dibutyl phthalate	Barium	Cobalt	Copper	Lead	Manganese	Nickel	Thallium	Vanadium	Zinc	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected														
822-SW-1	1/29/2026	**8.28 J**	**61.9**	<0.411	**2.71**	<0.864	**38.9**	**0.630 J**	<0.190	<1.22	**10.3**	**196**	**25900**	0.0E+00	2.1E-02
822-SW-2	1/29/2026	<8.11	**64.9**	<0.411	**4.91**	**4.91**	**37.1**	**1.28 J**	<0.190	<1.22	**18.1**	**177**	**26400**	0.0E+00	1.8E-02
822-SW-3	1/29/2026	<8.16	**57.0**	<0.411	**2.67**	<0.864	**12.2**	**0.738 J**	<0.190	<1.22	**9.04 J**	**177**	**22900**	0.0E+00	7.7E-03
822-SW-4	1/29/2026	<8.19	**59.2**	<0.411	**5.24**	**3.16**	**40.7**	**1.80 J**	<0.190	<1.22	**16.1**	**120**	**25000**	0.0E+00	1.9E-02
822-SW-5	1/29/2026	<8.14	**52.1**	<0.411	**3.60**	<0.864	**48.5**	**0.923 J**	**1.00**	<1.22	**10.5**	**125**	**25500**	0.0E+00	4.4E-01
822-SW-6	1/29/2026	<8.22	**70.3**	**0.421 J**	**5.10**	**4.95**	**114**	**1.65 J**	<0.190	**1.28 J**	**22.4**	**121**	**21300**	0.0E+00	5.6E-02
822-SW-7	1/29/2026	<8.16	**63.3**	<0.411	**2.97**	<0.864	**83.9**	**1.03 J**	<0.190	<1.22	**10.5**	**114**	**24800**	0.0E+00	3.5E-02
822-SW-8	1/29/2026	<8.24	**69.1**	<0.411	**2.40**	<0.864	**92.9**	<0.422	<0.190	<1.22	**14.1**	**234**	**25000**	0.0E+00	3.9E-02
822-SW-9	1/29/2026	<8.19	**77.4**	**0.424 J**	**3.57**	**2.93**	**121**	**1.64 J**	<0.190	<1.22	**18.8**	**196**	**24100 F1 F2**	0.0E+00	5.6E-02
822-SW-Dup	1/29/2026	<8.11	**61.1**	<0.411	**2.98**	<0.864	**64.2**	**1.06 J**	<0.190	<1.22	**11.0**	**122**	**25700**	**See SW-6 Risk Assessment**	
15A NCAC 2B Surface Water Standards		NE	1,000	NE	2.7	0.45	NE	16	NE	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.
Compound not detected above the MDL and the MDL is greater than the respective screening level. Value is not included in risk calculations.
SW-DUP was collected at SW-6.
J: Estimated value less than the reporting limit but greater than the method detection limit.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RPD exceeds control limits.
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-11A

Analytical Method		Method 8270E - SVOCs (mg/Kg)																				Method 8270E SIM	Method 6020B - Metals (mg/Kg)																			Method 9056A (mg/Kg)		NCDEQ Risk Calculator					
CAS Number		83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	105-60-2	86-74-8	218-01-9	117-81-7	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	123-91-1	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-62-2	7440-66-6	14797-55-8	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Caprolactam	Carbazole	Chrysene	Di(2-ethylhexyl) phthalate	Dibenz[a,h]anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	1,4-Dioxane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium(VI)	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																																												
822-SED-1	1/29/2026	<0.0435	<0.0435	<0.0435 F1	**0.0492 J F1**	**0.0592 J**	**0.0811 J**	**0.0484 J**	<0.0435	<0.0435	<0.0435 F1	**0.0589 J**	**0.192 J B F1 *+**	<0.0435	<0.0435 *+	**0.0935 J**	<0.0435	**0.0469 J**	<0.0435	<0.0435 F1	**0.0865 J**	<0.00808	<0.157	**1.53**	**32.1**	**0.205 J**	**0.120 J**	8.21	<0.123	**4.36**	**26.9 B**	**23.3**	**142**	**12.2**	**0.425 J**	**0.120 J**	**0.0376 J**	**13.7**	**77.0**	<0.971	**17.2**	2.9E-06	4.3E-01	5.5E-07	2.9E-02	1.3E-06	1.9E-01
822-SED-2	1/29/2026	<0.0420	<0.0420	<0.0420	**0.0646 J**	**0.0572 J**	**0.0782 J**	<0.0420	<0.0420	**0.0933 J**	<0.0420	**0.0642 J**	**0.185 J B *+**	<0.0420	<0.0420 *+	**0.108 J**	<0.0420	<0.0420	<0.0420	<0.0420	**0.0953 J**	**0.00909**	**0.196 J**	**0.869**	**24.1**	**0.145 J**	**0.161 J**	**7.16**	<0.122	**3.06**	**8.41 B**	**22.9**	**113**	**7.71**	**0.385 J**	**0.0111 J**	<0.0290	**11.4**	**46.7**	<0.972	**14.7**	1.9E-06	2.9E-01	3.3E-07	2.0E-02	8.2E-07	1.2E-01
822-SED-3	1/29/2026	<0.0422	<0.0422	<0.0422	**0.141 J**	**0.122 J**	**0.176 J**	**0.0901 J**	**0.0659 J**	**0.137 J**	<0.0422	**0.147 J**	**0.247 J B *+**	<0.0422	<0.0422 *+	**0.291 J**	<0.0422	**0.0879 J**	<0.0422	**0.187 J**	**0.241 J**	**0.00904**	**0.177 J**	**1.03**	**25.2**	**0.213 J**	**0.137 J**	**15.2**	**0.198 J**	**3.68**	**23.2 B**	**26.3**	**106**	**10.4**	**0.422 J**	**0.0204 J**	<0.0302	**16.5**	**61.3**	<0.991	**17.1**	3.2E-06	3.4E-01	4.3E-07	2.3E-02	1.4E-06	1.5E-01
822-SED-4	1/29/2026	<0.0369	<0.0369	<0.0369	<0.0369	<0.0369	**0.0627 J**	**0.0452 J**	<0.0369	<0.0369	<0.0369	**0.0552 J**	**0.159 J B *+**	<0.0369	<0.0369 *+	**0.0868 J**	<0.0369	<0.0369	<0.0369	**0.0742 J**	**0.0933 J**	<0.00700	**0.175 J**	**1.39**	**19.5**	**0.207 J**	**0.116 J**	**9.26**	<0.112	**3.88**	**15.6 B**	**29.7**	**92.7**	**11.6**	**0.408 J**	**0.0117 J**	**0.0293 J**	**11.8**	**65.1**	<0.845	<11.5	2.1E-06	3.6E-01	4.7E-07	2.5E-02	9.1E-07	1.6E-01
822-SED-5	1/29/2026	**0.281 J**	<0.0464	**0.388 J**	**0.974**	**0.874**	**1.16**	**0.580**	**0.412 J**	<0.0464	**0.213 J**	**0.910**	**0.229 J B *+**	**0.141 J**	**0.100 J *+**	**2.10**	**0.171 J**	**0.600**	**0.0700 J**	**1.77**	**1.71**	<0.00858	**0.684 J**	**3.28**	**64.5**	**0.218 J**	**0.277 J**	**13.9**	<0.142	**4.04**	**50.9 B**	**105**	**132**	**12.6**	**0.541 J**	**0.0323 J**	<0.0322	**14.4**	**154**	**1.32 J**	<14.2	1.6E-05	5.2E-01	1.7E-06	3.7E-02	6.9E-06	2.2E-01
822-SED-6	1/29/2026	<0.0402	<0.0402	<0.0402	**0.0682 J**	**0.0713 J**	**0.114 J**	**0.0853 J**	<0.0402	<0.0402	<0.0402	**0.0873 J**	**0.168 J B *+**	<0.0402	<0.0402 *+	**0.182 J**	<0.0402	**0.0667 J**	<0.0402	**0.151 J**	**0.168 J**	**0.00770**	**0.149 J**	**1.63**	**18.6**	**0.136 J**	**0.141 J**	**7.25**	<0.120	**2.92**	**10.9 B**	**20.5**	**66.5**	**8.20**	**0.278 J**	**0.0143 J**	<0.0275	**10.5**	**60.7**	<0.914	<12.3	1.8E-05	8.8E-01	3.5E-06	6.1E-02	7.7E-06	3.8E-01
822-SED-7	1/29/2026	<0.0452	**0.0642 J**	**0.102 J**	**0.355 J**	**0.351 J**	**0.467**	**0.254 J**	**0.157 J**	<0.0452	**0.0647 J**	**0.341 J**	**0.195 J B *+**	**0.0571 J**	<0.0452 *+	**0.731**	**0.0493 J**	**0.252 J**	<0.0452	**0.497**	**0.591**	<0.00807	**0.208 J F1**	**0.932**	**22.1**	**0.148 J**	**0.128 J**	**5.55**	<0.138	**2.66**	**10.9 F1 B**	**30.7 F2**	**62.5**	**8.17 F1**	**0.196 J**	**0.0156 J**	<0.0303	**12.4**	**54.3**	**1.09 J**	**32.5**	5.9E-06	2.6E-01	5.6E-07	1.8E-02	2.5E-06	1.1E-01
822-SED-8	1/29/2026	<0.0386	<0.0386	**0.0834 J**	**0.444**	**0.407**	**0.578**	**0.261 J**	**0.197 J**	<0.0386	<0.0386	**0.422**	<0.117 *+	**0.0746 J**	<0.0386 *+	**0.828**	<0.0386	**0.288 J**	<0.0386	**0.369 J**	**0.671**	**0.00918**	<0.141	**0.274 J**	**12.2**	**0.0751 J**	**0.0449 J**	**2.35**	**0.131 J**	**1.63**	**10.0 B**	**8.90**	**36.3**	**5.37**	<0.110	**0.00934 J**	<0.0261	**5.87**	**20.5**	**0.939 J**	**18.5**	5.9E-06	1.5E-01	3.9E-07	1.1E-02	2.5E-06	6.5E-02
822-SED-9	1/29/2026	<0.0459	<0.0459	<0.0459	<0.0459	**0.0495 J**	**0.0769 J**	<0.0459	<0.0459	<0.0459	<0.0459	**0.0595 J**	<0.139 *+	<0.0459	<0.0459 *+	**0.110 J**	<0.0459	<0.0459	<0.0459	**0.0506 J**	**0.0825 J**	<0.00832	<0.169	**0.553**	**13.2**	**0.102 J**	**0.0493 J**	**5.30**	<0.133	**1.79**	**6.05 B**	**9.44**	**61.6**	**5.77**	**0.153 J**	**0.00844 J**	<0.0313	**6.75**	**24.2**	**1.47 J**	<13.8	1.3E-06	1.6E-01	2.1E-07	1.1E-02	5.6E-07	6.9E-02
822-SED-Dup	1/29/2026	<0.0453	<0.0453	<0.0453	**0.309 J**	**0.307 J**	**0.491**	**0.216 J**	**0.155 J**	<0.0453	**0.0654 J**	**0.358 J**	<0.137 *+	**0.0571 J**	<0.0453 *+	**0.738**	<0.0453	**0.241 J**	<0.0453	**0.305 J**	**0.546**	<0.0165	**2.36**	**9.78**	**28.3**	**0.181 J**	**0.222 J**	**28.2**	<0.128	**6.12**	**89.3 B**	**973**	**224**	**26.5**	**0.348 J**	**0.117 J**	<0.0315	**14.8**	**165**	<0.994	<13.5	**See SED-6 Risk Assessment**					
EPA Resident Soil Screening Levels		360	NE	1,800	1.1	0.11	1	NE	11	3,100	NE	110	39	0.11	8	240	240	1	2	NE	180	5.3	3	0.68	1,500	16	0.71	NE	1	2	310	200	180	140	39	39	0.078	39	2,300	13,000	NE						

Notes:
mg/Kg: Milligrams per kilogram
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
Detections that exceed the USEPA Regional Screening Levels.
Compound not in the NCDEQ Risk Calculator, compound was not entered.
J: Estimated value less than the reporting limit but greater than the method detection limit.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RPD exceeds control limits.
B: Compound was found in the blank and sample.
*+: LCS and/or LCSD is outside acceptance limits, high biased.
NE: Standard Not Established.
NCDEQ Risk Calculator Values shown in red exceed risk.
SED-DUP was collected at SED-6.

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-11A

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 (NAD83).

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:	1/20/2026	Gas Analyzer	GEM 5000	GEM 5000	
S&ME Project No.:	**23050630**		Weather:	Overcast	PID	Mini Rae 3000	Mini Rae 3000	Pre Calibration Time:
Task Order:	**RI-11**		S&ME Personnel:	Madison Allen and Logan Hester	Thermo Hygrometer	UEI OTH 10	UEI OTH 10	Post Calibration Time:

PRE Equipment Calibration					**Calibration Notes**
PID (Isobutylene)	0 ppm =	0	100 ppm =	100	
Fresh Air	CH_4 (0%) =	0	O_2 (20.9%) =	20.9	
Methane High	CH_4 (50%) =	49.9	CO_2 (35%) =	34.9	
	O_2 (0%) =	0			
H2S Mix	CH_4 (2.5%) =	2.6	O_2 (18%) =	18	
	H_2S (10 ppm) =	10	CO (50 ppm) =	49.8	

POST Equipment Calibration				
PID (Isobutylene)	0 ppm =	0	100 ppm =	100
Fresh Air	CH_4 (0%) =	0	O_2 (20.9%) =	21
Methane High	CH_4 (50%) =	50	CO_2 (35%) =	35.1
	O_2 (0%)=	0		
H2S Mix	CH_4 (2.5%) =	2.4	O_2 (18%) =	18
	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	15:08	0.0	0	0.0	0	0.2	21.2	0	29.98	43.0	23
LFGP-1	15:13	0.0	0	0.0	0	2.5	17.1	0	30.01	43.0	23
LFGP-2	15:20	0.0	0	0.0	0	7.1	11.2	0	30.01	43.0	23
LFGP-3	15:25	0.0	0	0.0	0	7.2	14.9	0	30.01	43.0	23
LFGP-4	15:30	0.0	0	0.0	0	2.4	16.5	0	30.01	43.0	23
LFGP-5	15:36	0.0	0	0.0	0	8.5	8.4	0	30.01	43.0	23
LFGP-6	15:41	0.0	0	0.1	2	5.0	13.4	0	30.01	43.0	22
LFGP-7	15:46	0.0	0	0.0	0	0.1	20.2	0	30.02	43.0	22
LFGP-8	15:50	0.0	0	0.0	0	4.2	18.4	0	30.01	43.0	22
LFGP-9	16:00	0.0	0	0.0	0	7.0	13.5	0	30.02	43.0	22
LFGP-10	16:05	0.0	0	0.0	0	9.9	2.0	0	29.99	43.0	22
BG-2	16:10	0.0	0	0.0	0	0.1	21.3	0	29.98	43.0	22

Name	Signature	Date	Notes:
(1) Madison Allen	Mn Allen	1/20/2026	

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Lyon Park				
Project Number:	23050630 - 822RI-11				
Location:	Durham, NC			**Date:**	1/20/2026
Weather:	Sunny			**Air Temp (°F):**	
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	822-LFGP-5	822-LFGP-4	822-LFGP-3	822-LFGP-2	822-LFGP-1
Canister ID	6L0991	6L1034	6L0638	6L0142	9288
Regulator ID	23484	24007	24906	26209	24255
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 (%)	15.6	16.2	16.5	14.8	14.2
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	11:11			11:29			11:43			12:21			12:45		
Initial Vacuum (inHg)	30			30			30			30			30		
End Time	12:13			12:29			12:43			13:21			13:36		
Final Vacuum (inHg)	10			9			9			9			6		
Approximate Total Time (min)	62			60			60			60			51		
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: Madison Allen Sampler Signature: Date: 1/22/2026

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.

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Lyon Park				
Project Number:	23050630 - 822RI-11				
Location:	Durham, NC			**Date:**	1/20/2026
Weather:	Sunny			**Air Temp (°F):**	
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	822-LFGP-DUP	822-LFGP-10	822-LFGP-9	822-LFGP-8	822-LFGP-7
Canister ID	23310	6L0476	6L1088	6L0931	6L3646
Regulator ID	6L0966	24265	25209	23566	23824
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 (%)		15.6	17.6	17.1	19.8
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	12:45	10:35	10:12	09:50	09:31
Initial Vacuum (inHg)	30	30	30	30	30
End Time	01:36	11:28	11:07	10:37	10:32
Final Vacuum (inHg)	5	5	4	4	5
Approximate Total Time (min)					
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: Madison Allen Sampler Signature: Date: 1/20/2026

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.
Duplicate collected from LFGP-1

Revision Date: 5/3/18 11:30

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Lyon Park				
Project Number:	23050630 - 822RI-11				
Location:	Durham, NC			**Date:**	1/20/2026
Weather:	Sunny			**Air Temp (°F):**	
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	822-LFGP-6				
Canister ID	6L4255				
Regulator ID	23977				
Canister Volume (L)	6				
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	18.3				
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												
Sand Pack Interval Depth (in-bgs)	36	to	48												
Volume (mL)	464														
Purge Flow Rate (mL/min)	200														
Purge Interval (3x Vol.) (min)	7.0														
Actual Purge Time (min)	7.0														
Sample Collection															
Start Time	09:16														
Initial Vacuum (inHg)	30														
End Time	10:16														
Final Vacuum (inHg)	7														
Approximate Total Time (min)	60														
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: Madison Allen Sampler Signature: Date: 1/20/2026

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.

DUP-2 sampled from LFGP-6

Revision Date: 5/3/18 11:30

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**A-MW-1**	Purge Time (Min.):	30
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	C. Faircloth	Sample Time:	12:05
Weather:	Sunny	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:30	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	24.65	ft-TOC
Total Well Depth:	27.00	ft-TOC
Height of Water Column:	2.35	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	0.4	gal
3 * Well Volume	1.2	gal
5 * Well Volume	1.9	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:30 **End Time:** 12:00

Total Volume Purged: 1.2 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	11:30					
0.2	11:35	7.0	17	831	18	
0.4	11:40	7.0	17.6	798	39	
0.6	11:45	7.0	17.5	750	39	
0.8	11:50	7.0	17.8	735	33	
1.0	11:55	7.0	17.7	729	54	
1.2	12:00	7.0	17.7	715	41	

Sample Method: Peristaltic Pump **Sample Time:** 12:05

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/19/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**A-MW-2**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	R. Moore	Sample Time:	12:40
Weather:	Sunny/Windy	Air Temp:	33 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	18.52	ft-TOC
Total Well Depth:	23.00	ft-TOC
Height of Water Column:	4.48	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	0.7	gal
3 * Well Volume	2.2	gal
5 * Well Volume	3.7	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:20 **End Time:** 12:35

Total Volume Purged: 0.9 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.3	12:25	6.72	18	938	4.1	
0.6	12:30	6.78	18.1	921	2.7	
0.9	12:35	6.77	18.1	924	1.2	

Sample Method: Peristaltic Pump **Sample Time:** 12:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/19/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**A-MW-3**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	C. Faircloth	Sample Time:	13:20
Weather:	Sunny	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:30	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	17.06	ft-TOC
Total Well Depth:	27.00	ft-TOC
Height of Water Column:	9.94	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.6	gal
3 * Well Volume	4.9	gal
5 * Well Volume	8.1	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:50 **End Time:** 13:10

Total Volume Purged: 0.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	12:50					
0.2	12:55	6.4	18.8	459	15	
0.4	13:00	6.4	18.1	457	5.7	
0.6	13:05	6.4	17.6	461	4.0	
0.8	13:10	6.5	17.5	460	2.6	

Sample Method: Peristaltic Pump **Sample Time:** 13:20

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/19/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**A-MW-4**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	R. Moore	Sample Time:	10:50
Weather:	Sunny	Air Temp:	33 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	10.25	ft-TOC
Total Well Depth:	20.00	ft-TOC
Height of Water Column:	9.75	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.6	gal
3 * Well Volume	4.8	gal
5 * Well Volume	8.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:30 **End Time:** 10:45

Total Volume Purged: 1.5 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.5	10:35	7.53	17.6	247	2.8	
1.0	10:40	7.71	17.9	238	2.8	
1.5	10:45	7.73	18.1	230	2.6	

Sample Method: Peristaltic Pump **Sample Time:** 10:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/19/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**A-MW-5**	Purge Time (Min.):	
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	R. Moore	Sample Time:	
Weather:	Sunny/Windy	Air Temp:	33 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	16.00	ft-TOC
Total Well Depth:	16.00	ft-TOC
Height of Water Column:	0.00	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	0.0	gal
3 * Well Volume	0.0	gal
5 * Well Volume	0.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** **End Time:**

Total Volume Purged: gal **Well Purged Dry?:** Yes

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments

Sample Method: Peristaltic Pump **Sample Time:**

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/19/2026

Notes: Dry well - unable to sample. Well was allowed to recharge all afternoon, but was still dry at the end of the day.

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**A-MW-6**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	R. Moore	Sample Time:	16:10
Weather:	Sunny	Air Temp:	44 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	21.25	ft-TOC
Total Well Depth:	29.00	ft-TOC
Height of Water Column:	7.75	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.3	gal
3 * Well Volume	3.8	gal
5 * Well Volume	6.3	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 15:50 **End Time:** 16:05

Total Volume Purged: 3.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
1.0	15:55	7.5	17.7	690	3.4	
2.0	16:00	7.4	17.2	678	1.8	
3.0	16:05	7.4	16.8	683	0.91	

Sample Method: Peristaltic Pump **Sample Time:** 16:10

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/19/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**A-MW-7**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	C. Faircloth	Sample Time:	13:45
Weather:	Sunny	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0 7.0 10.0
Conductivity	1/19/25	09:30	1,413 µS/cm	1,413 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	8.12	ft-TOC
Total Well Depth:	23.34	ft-TOC
Height of Water Column:	15.22	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.5	gal
3 * Well Volume	7.5	gal
5 * Well Volume	12.4	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:20 **End Time:** 13:40

Total Volume Purged: 0.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	13:20					
0.2	13:25	7.5	13.4	1,770	6.1	
0.4	13:30	7.4	13.3	1,786	4.2	
0.6	13:35	7.3	13.1	1,791	0.01	
0.8	13:40	7.3	13.1	1,785	0.01	

Sample Method: Peristaltic Pump **Sample Time:** 13:45

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**A-MW-8**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	C. Faircloth	Sample Time:	14:40
Weather:	Sunny	Air Temp:	42 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:30	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	8.80	ft-TOC
Total Well Depth:	23.64	ft-TOC
Height of Water Column:	14.84	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.4	gal
3 * Well Volume	7.3	gal
5 * Well Volume	12.1	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 14:15 **End Time:** 14:35

Total Volume Purged: 0.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	14:15					
0.2	14:20	7.1	14.4	1,112	1.5	
0.4	14:25	7.1	13.7	1,099	2.0	
0.6	14:30	7.1	13.7	1,101	0.32	
0.8	14:35	7.0	13.8	1,098	0.17	

Sample Method: Peristaltic Pump **Sample Time:** 14:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**A-MW-9**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	R. Moore	Sample Time:	14:35
Weather:	Sunny	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/20/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/20/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	15.22	ft-TOC
Total Well Depth:	16.00	ft-TOC
Height of Water Column:	0.78	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	0.1	gal
3 * Well Volume	0.4	gal
5 * Well Volume	0.6	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 14:15 **End Time:** 14:30

Total Volume Purged: 0.3 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.1	14:20	6.33	12.4	368	2.6	
0.2	14:25	6.3	12.1	349	2.1	
0.3	14:30	6.31	11.9	348	1.8	

Sample Method: Peristaltic Pump **Sample Time:** 14:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**MW-1**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	C. Faircloth	Sample Time:	10:35
Weather:	Sunny	Air Temp:	80 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0 7.0 10.0
Conductivity	1/19/26	09:30	1,413 µS/cm	1,413 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	11.22	ft-TOC
Total Well Depth:	32.00	ft-TOC
Height of Water Column:	20.78	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.4	gal
3 * Well Volume	10.2	gal
5 * Well Volume	17.0	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:10 **End Time:** 10:30

Total Volume Purged: 0.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	10:10					
0.2	10:15	7.9	13.5	801	3.6	
0.4	10:20	7.7	15.4	797	2.1	
0.6	10:25	7.7	15.6	797	0.03	
0.8	10:30	7.6	15.5	801	1.4	

Sample Method: Peristaltic Pump **Sample Time:** 10:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**MW-2**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	R. Moore	Sample Time:	10:30
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/20/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/20/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	10.81	ft-TOC
Total Well Depth:	30.50	ft-TOC
Height of Water Column:	19.69	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.2	gal
3 * Well Volume	9.6	gal
5 * Well Volume	16.1	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:10 **End Time:** 10:25

Total Volume Purged: 4.5 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
1.5	10:15	6.97	14.8	740	4.9	
3.0	10:20	6.96	14.9	751	3.2	
4.5	10:25	6.92	15.4	748	2.7	

Sample Method: Peristaltic Pump **Sample Time:** 10:30

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**MW-3**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	R. Moore	Sample Time:	11:50
Weather:	Sunny	Air Temp:	34 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/20/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/20/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	11.10	ft-TOC
Total Well Depth:	46.00	ft-TOC
Height of Water Column:	34.90	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	5.7	gal
3 * Well Volume	17.1	gal
5 * Well Volume	28.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:30 **End Time:** 11:45

Total Volume Purged: 6.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
2.0	11:35	7.22	14.4	708	4.6	
4.0	11:40	7.17	14.9	697	3.9	
6.0	11:45	7.13	15.2	685	3.8	

Sample Method: Peristaltic Pump **Sample Time:** 11:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**MW-4**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	R. Moore	Sample Time:	13:10
Weather:	Sunny	Air Temp:	38 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/20/26	12:45	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/20/26	12:45	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.72	ft-TOC
Total Well Depth:	25.50	ft-TOC
Height of Water Column:	21.78	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.6	gal
3 * Well Volume	10.7	gal
5 * Well Volume	17.8	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:50 **End Time:** 13:05

Total Volume Purged: 4.5 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
1.5	12:55	7.1	13.7	702	4.6	
3.0	13:00	7.12	13.8	686	4.8	
4.5	13:05	7.14	13.5	678	4.6	

Sample Method: Peristaltic Pump **Sample Time:** 13:10

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 20, 2026
Source Well:	**MW-5**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 20, 2026
Sampled By:	C. Faircloth	Sample Time:	12:35
Weather:	Sunny	Air Temp:	42 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0 7.0 10.0
Conductivity	1/19/26	09:30	1,413 µS/cm	1,413 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.15	ft-TOC
Total Well Depth:	36.00	ft-TOC
Height of Water Column:	32.85	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	5.4	gal
3 * Well Volume	16.1	gal
5 * Well Volume	26.8	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:10 **End Time:** 12:30

Total Volume Purged: 1.3 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	12:00					
0.2	12:05	7.9	12.8	508	10	
0.4	12:10	7.8	13.2	515	7.9	
0.6	12:15	7.8	13.5	507	24	
0.8	12:20	7.9	13.6	509	30	
1.0	12:25	7.8	13.5	513	23	
1.3	12:30	7.8	13.5	512	11	

Sample Method: Peristaltic Pump **Sample Time:** 12:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/20/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**MW-6**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	C. Faircloth	Sample Time:	15:50
Weather:	Sunny	Air Temp:	43 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	1/19/26	09:30	4.00, 7.00, 10.00	4.0 7.0 10.0
Conductivity	1/19/26	09:30	1,413 µS/cm	1,413 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	22.79	ft-TOC
Total Well Depth:	56.00	ft-TOC
Height of Water Column:	33.21	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	5.4	gal
3 * Well Volume	16.3	gal
5 * Well Volume	27.1	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 15:25 **End Time:** 15:45

Total Volume Purged: 0.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	15:25					
0.2	15:30	7.4	14.3	538	3.1	
0.4	15:35	7.4	14.9	553	0.86	
0.6	15:40	7.4	15.3	562	0.98	
0.8	15:45	7.4	15.3	560	1.3	

Sample Method: Peristaltic Pump **Sample Time:** 15:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Clay Faircloth		1/19/2026

Notes:

Form Revision Date: 9/13/17 8:00 AM

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - Lyon park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 19, 2026
Source Well:	**MW-7**	Purge Time (Min.):	45
Locked?:	No	Sample Date:	January 19, 2026
Sampled By:	R. Moore	Sample Time:	14:50
Weather:	Sunny	Air Temp:	43 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/19/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/19/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	17.16	ft-TOC
Total Well Depth:	37.00	ft-TOC
Height of Water Column:	19.84	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.2	gal
3 * Well Volume	9.7	gal
5 * Well Volume	16.2	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 14:00 **End Time:** 14:45

Total Volume Purged: 1.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	14:05	7.2	18.3	293	170	
0.3	14:10	7.1	18.2	257	138	
0.6	14:15	7.1	18.3	269	140	
0.8	14:20	7.0	18.3	272	146	
1.0	14:25	7.0	18.4	269	172	
1.2	14:30	7.0	18.1	273	143	
1.4	14:35	7.0	18.1	276	137	
1.6	14:40	7.0	18.3	275	134	
1.8	14:45	7.0	18.3	280	143	

Sample Method: Peristaltic Pump **Sample Time:** 14:50

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl				
SVOCs 8270	2	250mL A	None				
Metals 6020 (Total)	2	250mL A	None				
EPH MADEP	2	60mL VOAs	HCl				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/19/2026

Notes: Duplicate-1 collected here. Fine silts impacting turbidity.

Form Revision Date: 9/13/17 8:00 AM

Environmental Field Report	
Date: 1 / 29 /2026	**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 Brandon Governo

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
0900	SED-9	SW-9	7.10	85.3	2.0	2.74	Low
0945	SED-8	SW-8	7.25	91.6	1.2	1.13	Low
1030	SED-7	SW-7	7.31	85.1	1.2	6.31	Low
1115	SED-6	SW-6	7.41	92.1	1.3	1.13	Low
1115	SED-DUP	SW-DUP	7.41	92.1	1.3	1.13	Low
1200	SED-5	SW-5	7.71	95.6	1.3	1.52	Low
1245	SED-4	SW-4	7.62	100.2	1.9	1.71	Low
1330	SED-3	SW-3	7.51	88.6	1.8	1.10	Low
1415	SED-2	SW-2	7.61	92.1	2.3	0.88	Low
1500	SED-1	SW-1	7.71	86.8	2.2	1.42	Low

Hours	Mileage	Signature of S&ME Personnel
7.0	60	Jonathan Olanin

Appendix III – Laboratory Reports and Chain of Custody Records

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Durham Parks

JOB NUMBER

650-4786-1

Eurofins Environment Testing Northern California, Air Toxics
180 BLUE RAVINE ROAD, SUITE B
Folsom CA 95630

See page two for job notes and contact information.

Eurofins Environment Testing Northern California, Air Toxics

Job Notes

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 Northern California Project Manager.

Authorization

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Authorized for release by
Kate Kaneko, Account Executive
Kate.kaneko@et.eurofinsus.com
(916)496-4178

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Definitions/Glossary

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Qualifiers

Air - 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.

Air - GC VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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
650-4786-1

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 1/29/2026 10:55 AM and 1/30/2026 11:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
Samples arrived at the laboratory in two shipments on 1/29/26 and 1/30/26. The Chain of Custody (COC) was provided with samples 822-LFGP-4, 822-LFGP-3, 822-LFGP-2, 822-LFGP-1, 822-LFGP-DUP, 822-LFGP-9, 822-LFGP-8, 822-LFGP-7 and 822-LFGP-6 which were received by the laboratory on 1/29/26. The remaining samples 822-LFGP-5 (650-4786-1) and 822-LFGP-10 (650-4786-7) subsequently arrived at the laboratory on 1/30/26.

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

Air - GC VOA
Method D1946: Reanalysis of the following sample was performed outside of the analytical holding time due to laboratory error: 822-LFGP-1 (650-4786-5).

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: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-5 — Lab Sample ID: 650-4786-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.5	J	7.2	2.4	ug/m3	1.456		TO-15	Total/NA
Acetone	6.3	J	17	5.8	ug/m3	1.456		TO-15	Total/NA
Chloroform	2.6	J	3.6	1.2	ug/m3	1.456		TO-15	Total/NA
Freon 12	1.9	J	3.6	1.2	ug/m3	1.456		TO-15	Total/NA
Toluene	2.8	J	5.5	1.8	ug/m3	1.456		TO-15	Total/NA

Client Sample ID: 822-LFGP-4 — Lab Sample ID: 650-4786-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	15		7.3	2.4	ug/m3	1.482		TO-15	Total/NA
4-Methyl-2-pentanone (MIBK)	4.4		3.0	1.0	ug/m3	1.482		TO-15	Total/NA
Acetone	8.2	J	18	5.9	ug/m3	1.482		TO-15	Total/NA
Carbon disulfide	8.7	J	9.2	3.1	ug/m3	1.482		TO-15	Total/NA
Freon 12	1.8	J	3.7	1.2	ug/m3	1.482		TO-15	Total/NA
Toluene	4.7	J	5.6	1.8	ug/m3	1.482		TO-15	Total/NA

Client Sample ID: 822-LFGP-3 — Lab Sample ID: 650-4786-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.3	J	7.3	2.5	ug/m3	1.495		TO-15	Total/NA
Acetone	7.4	J	18	5.9	ug/m3	1.495		TO-15	Total/NA
Carbon disulfide	3.7	J	9.3	3.1	ug/m3	1.495		TO-15	Total/NA
Chloroform	1.3	J	3.6	1.2	ug/m3	1.495		TO-15	Total/NA
Freon 12	2.2	J	3.7	1.3	ug/m3	1.495		TO-15	Total/NA
Toluene	3.4	J	5.6	1.9	ug/m3	1.495		TO-15	Total/NA

Client Sample ID: 822-LFGP-2 — Lab Sample ID: 650-4786-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	7.7		7.1	2.4	ug/m3	1.443		TO-15	Total/NA
Acetone	7.0	J	17	5.7	ug/m3	1.443		TO-15	Total/NA
Carbon disulfide	3.2	J	9.0	3.0	ug/m3	1.443		TO-15	Total/NA
Ethanol	13	J	14	4.5	ug/m3	1.443		TO-15	Total/NA
Freon 11	2.6	J	4.1	1.4	ug/m3	1.443		TO-15	Total/NA
Freon 12	1.8	J	3.6	1.2	ug/m3	1.443		TO-15	Total/NA
Hexane	0.87	J	2.5	0.86	ug/m3	1.443		TO-15	Total/NA
Methylene Chloride	1.8	J	5.0	1.7	ug/m3	1.443		TO-15	Total/NA
Toluene	8.8		5.4	1.8	ug/m3	1.443		TO-15	Total/NA

Client Sample ID: 822-LFGP-1 — Lab Sample ID: 650-4786-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.2	J	8.0	2.7	ug/m3	1.627		TO-15	Total/NA
Freon 12	1.8	J	4.0	1.4	ug/m3	1.627		TO-15	Total/NA
Tetrachloroethene	11		5.5	1.9	ug/m3	1.627		TO-15	Total/NA
Toluene	3.2	J	6.1	2.0	ug/m3	1.627		TO-15	Total/NA

Client Sample ID: 822-LFGP-DUP — Lab Sample ID: 650-4786-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	4.0	J	8.6	2.9	ug/m3	1.747		TO-15	Total/NA
Freon 12	1.6	J	4.3	1.5	ug/m3	1.747		TO-15	Total/NA
Tetrachloroethene	12		5.9	2.0	ug/m3	1.747		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-LFGP-DUP (Continued) — Lab Sample ID: 650-4786-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.8	J	6.6	2.2	ug/m3	1.747		TO-15	Total/NA

Client Sample ID: 822-LFGP-10 — Lab Sample ID: 650-4786-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	8.1	J	8.2	2.7	ug/m3	1.66		TO-15	Total/NA
Acetone	31		20	6.6	ug/m3	1.66		TO-15	Total/NA
Tetrachloroethene	2.1	J	5.6	1.9	ug/m3	1.66		TO-15	Total/NA
Toluene	3.3	J	6.3	2.1	ug/m3	1.66		TO-15	Total/NA
Methane	0.00028		0.00017	0.000055	% v/v	1.66		D1946	Total/NA

Client Sample ID: 822-LFGP-9 — Lab Sample ID: 650-4786-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	19	6.3	ug/m3	1.596		TO-15	Total/NA
Ethanol	5.8	J	15	5.0	ug/m3	1.596		TO-15	Total/NA
Freon 12	2.5	J	3.9	1.3	ug/m3	1.596		TO-15	Total/NA
Toluene	8.3		6.0	2.0	ug/m3	1.596		TO-15	Total/NA
Methane	0.00020		0.00016	0.000053	% v/v	1.596		D1946	Total/NA

Client Sample ID: 822-LFGP-8 — Lab Sample ID: 650-4786-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	9.8		8.2	2.8	ug/m3	1.676		TO-15	Total/NA
Acetone	14	J	20	6.6	ug/m3	1.676		TO-15	Total/NA
Freon 12	2.4	J	4.1	1.4	ug/m3	1.676		TO-15	Total/NA
Tetrachloroethene	60		5.7	1.9	ug/m3	1.676		TO-15	Total/NA
Toluene	4.6	J	6.3	2.1	ug/m3	1.676		TO-15	Total/NA

Client Sample ID: 822-LFGP-7 — Lab Sample ID: 650-4786-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.7	J	6.6	2.2	ug/m3	1.352		TO-15	Total/NA
Acetone	11	J	16	5.4	ug/m3	1.352		TO-15	Total/NA
Ethanol	4.4	J	13	4.3	ug/m3	1.352		TO-15	Total/NA
Freon 12	2.5	J	3.3	1.1	ug/m3	1.352		TO-15	Total/NA
Toluene	6.3		5.1	1.7	ug/m3	1.352		TO-15	Total/NA
Methane	0.054		0.00014	0.000045	% v/v	1.352		D1946	Total/NA

Client Sample ID: 822-LFGP-6 — Lab Sample ID: 650-4786-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J	18	6.0	ug/m3	1.523		TO-15	Total/NA
Benzene	2.0	J	2.4	0.83	ug/m3	1.523		TO-15	Total/NA
Cyclohexane	2.7		2.6	0.89	ug/m3	1.523		TO-15	Total/NA
Freon 12	39		3.8	1.3	ug/m3	1.523		TO-15	Total/NA
Toluene	8.4		5.7	1.9	ug/m3	1.523		TO-15	Total/NA
Methane	0.23		0.00015	0.000050	% v/v	1.523		D1946	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-5

Date Collected: 01/20/26 12:13
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-1

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			02/12/26 13:45	1.456
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			02/12/26 13:45	1.456
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			02/12/26 13:45	1.456
1,1-Dichloroethane	ND		2.9	1.0	ug/m3			02/12/26 13:45	1.456
1,1-Dichloroethene	ND		2.9	0.98	ug/m3			02/12/26 13:45	1.456
1,2,4-Trichlorobenzene	ND		22	7.2	ug/m3			02/12/26 13:45	1.456
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/12/26 13:45	1.456
1,2-Dibromoethane (EDB)	ND		5.6	1.9	ug/m3			02/12/26 13:45	1.456
1,2-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/12/26 13:45	1.456
1,2-Dichloroethane	ND		2.9	1.0	ug/m3			02/12/26 13:45	1.456
1,2-Dichloropropane	ND		3.4	1.1	ug/m3			02/12/26 13:45	1.456
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/12/26 13:45	1.456
1,3-Butadiene	ND		1.6	0.55	ug/m3			02/12/26 13:45	1.456
1,3-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/12/26 13:45	1.456
1,4-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/12/26 13:45	1.456
1,4-Dioxane	ND		5.2	1.7	ug/m3			02/12/26 13:45	1.456
2,2,4-Trimethylpentane	ND		3.4	1.2	ug/m3			02/12/26 13:45	1.456
2-Butanone (MEK)	ND		8.6	2.9	ug/m3			02/12/26 13:45	1.456
2-Hexanone	ND		12	4.0	ug/m3			02/12/26 13:45	1.456
2-Propanol	**3.5**	**J**	7.2	2.4	ug/m3			02/12/26 13:45	1.456
3-Chloropropene	ND		2.3	0.77	ug/m3			02/12/26 13:45	1.456
4-Ethyltoluene	ND		3.6	1.2	ug/m3			02/12/26 13:45	1.456
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			02/12/26 13:45	1.456
Acetone	**6.3**	**J**	17	5.8	ug/m3			02/12/26 13:45	1.456
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			02/12/26 13:45	1.456
Benzene	ND		2.3	0.79	ug/m3			02/12/26 13:45	1.456
Bromodichloromethane	ND		4.9	1.7	ug/m3			02/12/26 13:45	1.456
Bromoform	ND		7.5	2.6	ug/m3			02/12/26 13:45	1.456
Bromomethane	ND		5.7	1.9	ug/m3			02/12/26 13:45	1.456
Carbon disulfide	ND		9.1	3.0	ug/m3			02/12/26 13:45	1.456
Carbon tetrachloride	ND		4.6	1.6	ug/m3			02/12/26 13:45	1.456
Chlorobenzene	ND		3.4	1.1	ug/m3			02/12/26 13:45	1.456
Chloroethane	ND		7.7	2.6	ug/m3			02/12/26 13:45	1.456
Chloroform	**2.6**	**J**	3.6	1.2	ug/m3			02/12/26 13:45	1.456
Chloromethane	ND		15	5.0	ug/m3			02/12/26 13:45	1.456
cis-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			02/12/26 13:45	1.456
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/12/26 13:45	1.456
Cumene	ND		3.6	1.2	ug/m3			02/12/26 13:45	1.456
Cyclohexane	ND		2.5	0.85	ug/m3			02/12/26 13:45	1.456
Dibromochloromethane	ND		6.2	2.1	ug/m3			02/12/26 13:45	1.456
Ethanol	ND		14	4.6	ug/m3			02/12/26 13:45	1.456
Ethylbenzene	ND		3.2	1.1	ug/m3			02/12/26 13:45	1.456
Freon 11	ND		4.1	1.4	ug/m3			02/12/26 13:45	1.456
Freon 113	ND		5.6	1.9	ug/m3			02/12/26 13:45	1.456
Freon 12	**1.9**	**J**	3.6	1.2	ug/m3			02/12/26 13:45	1.456
Freon-114	ND		5.1	1.7	ug/m3			02/12/26 13:45	1.456
Heptane	ND		3.0	1.0	ug/m3			02/12/26 13:45	1.456
Hexachlorobutadiene	ND		31	10	ug/m3			02/12/26 13:45	1.456

Client Sample ID: 822-LFGP-5

Lab Sample ID: 650-4786-1

Date Collected: 01/20/26 12:13
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.6	0.87	ug/m3			02/12/26 13:45	1.456
m,p-Xylene	ND		6.3	2.1	ug/m3			02/12/26 13:45	1.456
Methyl tert-butyl ether	ND		10	3.5	ug/m3			02/12/26 13:45	1.456
Methylene Chloride	ND		5.1	1.7	ug/m3			02/12/26 13:45	1.456
Naphthalene	ND		7.6	1.3	ug/m3			02/12/26 13:45	1.456
o-Xylene	ND		3.2	1.1	ug/m3			02/12/26 13:45	1.456
Propylbenzene	ND		3.6	1.2	ug/m3			02/12/26 13:45	1.456
Styrene	ND		3.1	1.1	ug/m3			02/12/26 13:45	1.456
Tetrachloroethene	ND		4.9	1.7	ug/m3			02/12/26 13:45	1.456
Tetrahydrofuran	ND		2.1	0.73	ug/m3			02/12/26 13:45	1.456
Toluene	**2.8**	**J**	5.5	1.8	ug/m3			02/12/26 13:45	1.456
trans-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			02/12/26 13:45	1.456
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/12/26 13:45	1.456
Trichloroethene	ND		3.9	1.3	ug/m3			02/12/26 13:45	1.456
Vinyl chloride	ND		1.9	0.63	ug/m3			02/12/26 13:45	1.456

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*02/12/26 13:45*	*1.456*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*02/12/26 13:45*	*1.456*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 13:45*	*1.456*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000048	% v/v			02/13/26 19:30	1.456

Client Sample ID: 822-LFGP-4

Lab Sample ID: 650-4786-2

Date Collected: 01/20/26 12:29
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 23:47	1.482
1,1,2,2-Tetrachloroethane	ND		5.1	1.7	ug/m3			02/11/26 23:47	1.482
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 23:47	1.482
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			02/11/26 23:47	1.482
1,1-Dichloroethene	ND		2.9	1.0	ug/m3			02/11/26 23:47	1.482
1,2,4-Trichlorobenzene	ND		22	7.4	ug/m3			02/11/26 23:47	1.482
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 23:47	1.482
1,2-Dibromoethane (EDB)	ND		5.7	1.9	ug/m3			02/11/26 23:47	1.482
1,2-Dichlorobenzene	ND		4.5	1.5	ug/m3			02/11/26 23:47	1.482
1,2-Dichloroethane	ND		3.0	1.0	ug/m3			02/11/26 23:47	1.482
1,2-Dichloropropane	ND		3.4	1.2	ug/m3			02/11/26 23:47	1.482
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 23:47	1.482
1,3-Butadiene	ND		1.6	0.56	ug/m3			02/11/26 23:47	1.482
1,3-Dichlorobenzene	ND		4.5	1.5	ug/m3			02/11/26 23:47	1.482
1,4-Dichlorobenzene	ND		4.5	1.5	ug/m3			02/11/26 23:47	1.482
1,4-Dioxane	ND		5.3	1.8	ug/m3			02/11/26 23:47	1.482
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			02/11/26 23:47	1.482

Client Sample ID: 822-LFGP-4
Date Collected: 01/20/26 12:29
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		8.7	2.9	ug/m3			02/11/26 23:47	1.482
2-Hexanone	ND		12	4.1	ug/m3			02/11/26 23:47	1.482
2-Propanol	**15**		7.3	2.4	ug/m3			02/11/26 23:47	1.482
3-Chloropropene	ND		2.3	0.79	ug/m3			02/11/26 23:47	1.482
4-Ethyltoluene	ND		3.6	1.2	ug/m3			02/11/26 23:47	1.482
4-Methyl-2-pentanone (MIBK)	**4.4**		3.0	1.0	ug/m3			02/11/26 23:47	1.482
Acetone	**8.2**	**J**	18	5.9	ug/m3			02/11/26 23:47	1.482
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			02/11/26 23:47	1.482
Benzene	ND		2.4	0.80	ug/m3			02/11/26 23:47	1.482
Bromodichloromethane	ND		5.0	1.7	ug/m3			02/11/26 23:47	1.482
Bromoform	ND		7.7	2.6	ug/m3			02/11/26 23:47	1.482
Bromomethane	ND		5.8	1.9	ug/m3			02/11/26 23:47	1.482
Carbon disulfide	**8.7**	**J**	9.2	3.1	ug/m3			02/11/26 23:47	1.482
Carbon tetrachloride	ND		4.7	1.6	ug/m3			02/11/26 23:47	1.482
Chlorobenzene	ND		3.4	1.2	ug/m3			02/11/26 23:47	1.482
Chloroethane	ND		7.8	2.6	ug/m3			02/11/26 23:47	1.482
Chloroform	ND		3.6	1.2	ug/m3			02/11/26 23:47	1.482
Chloromethane	ND		15	5.1	ug/m3			02/11/26 23:47	1.482
cis-1,2-Dichloroethene	ND		2.9	1.0	ug/m3			02/11/26 23:47	1.482
cis-1,3-Dichloropropene	ND		3.4	1.1	ug/m3			02/11/26 23:47	1.482
Cumene	ND		3.6	1.2	ug/m3			02/11/26 23:47	1.482
Cyclohexane	ND		2.6	0.87	ug/m3			02/11/26 23:47	1.482
Dibromochloromethane	ND		6.3	2.1	ug/m3			02/11/26 23:47	1.482
Ethanol	ND		14	4.7	ug/m3			02/11/26 23:47	1.482
Ethylbenzene	ND		3.2	1.1	ug/m3			02/11/26 23:47	1.482
Freon 11	ND		4.2	1.4	ug/m3			02/11/26 23:47	1.482
Freon 113	ND		5.7	1.9	ug/m3			02/11/26 23:47	1.482
Freon 12	**1.8**	**J**	3.7	1.2	ug/m3			02/11/26 23:47	1.482
Freon-114	ND		5.2	1.8	ug/m3			02/11/26 23:47	1.482
Heptane	ND		3.0	1.0	ug/m3			02/11/26 23:47	1.482
Hexachlorobutadiene	ND		32	11	ug/m3			02/11/26 23:47	1.482
Hexane	ND		2.6	0.89	ug/m3			02/11/26 23:47	1.482
m,p-Xylene	ND		6.4	2.1	ug/m3			02/11/26 23:47	1.482
Methyl tert-butyl ether	ND		11	3.6	ug/m3			02/11/26 23:47	1.482
Methylene Chloride	ND		5.1	1.7	ug/m3			02/11/26 23:47	1.482
Naphthalene	ND		7.8	1.3	ug/m3			02/11/26 23:47	1.482
o-Xylene	ND		3.2	1.1	ug/m3			02/11/26 23:47	1.482
Propylbenzene	ND		3.6	1.2	ug/m3			02/11/26 23:47	1.482
Styrene	ND		3.2	1.1	ug/m3			02/11/26 23:47	1.482
Tetrachloroethene	ND		5.0	1.7	ug/m3			02/11/26 23:47	1.482
Tetrahydrofuran	ND		2.2	0.74	ug/m3			02/11/26 23:47	1.482
Toluene	**4.7**	**J**	5.6	1.8	ug/m3			02/11/26 23:47	1.482
trans-1,2-Dichloroethene	ND		2.9	1.0	ug/m3			02/11/26 23:47	1.482
trans-1,3-Dichloropropene	ND		3.4	1.1	ug/m3			02/11/26 23:47	1.482
Trichloroethene	ND		4.0	1.4	ug/m3			02/11/26 23:47	1.482
Vinyl chloride	ND		1.9	0.64	ug/m3			02/11/26 23:47	1.482

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*02/11/26 23:47*	*1.482*

Client Sample ID: 822-LFGP-4

Lab Sample ID: 650-4786-2

Date Collected: 01/20/26 12:29
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*02/11/26 23:47*	*1.482*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/11/26 23:47*	*1.482*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000049	% v/v			02/13/26 19:53	1.482

Client Sample ID: 822-LFGP-3

Lab Sample ID: 650-4786-3

Date Collected: 01/20/26 12:43
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1	1.4	ug/m3			02/12/26 00:14	1.495
1,1,2,2-Tetrachloroethane	ND		5.1	1.7	ug/m3			02/12/26 00:14	1.495
1,1,2-Trichloroethane	ND		4.1	1.4	ug/m3			02/12/26 00:14	1.495
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			02/12/26 00:14	1.495
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 00:14	1.495
1,2,4-Trichlorobenzene	ND		22	7.4	ug/m3			02/12/26 00:14	1.495
1,2,4-Trimethylbenzene	ND		3.7	1.2	ug/m3			02/12/26 00:14	1.495
1,2-Dibromoethane (EDB)	ND		5.7	2.0	ug/m3			02/12/26 00:14	1.495
1,2-Dichlorobenzene	ND		4.5	1.5	ug/m3			02/12/26 00:14	1.495
1,2-Dichloroethane	ND		3.0	1.0	ug/m3			02/12/26 00:14	1.495
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			02/12/26 00:14	1.495
1,3,5-Trimethylbenzene	ND		3.7	1.2	ug/m3			02/12/26 00:14	1.495
1,3-Butadiene	ND		1.7	0.56	ug/m3			02/12/26 00:14	1.495
1,3-Dichlorobenzene	ND		4.5	1.5	ug/m3			02/12/26 00:14	1.495
1,4-Dichlorobenzene	ND		4.5	1.5	ug/m3			02/12/26 00:14	1.495
1,4-Dioxane	ND		5.4	1.8	ug/m3			02/12/26 00:14	1.495
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			02/12/26 00:14	1.495
2-Butanone (MEK)	ND		8.8	3.0	ug/m3			02/12/26 00:14	1.495
2-Hexanone	ND		12	4.1	ug/m3			02/12/26 00:14	1.495
2-Propanol	**3.3**	**J**	7.3	2.5	ug/m3			02/12/26 00:14	1.495
3-Chloropropene	ND		2.3	0.80	ug/m3			02/12/26 00:14	1.495
4-Ethyltoluene	ND		3.7	1.2	ug/m3			02/12/26 00:14	1.495
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.0	ug/m3			02/12/26 00:14	1.495
Acetone	**7.4**	**J**	18	5.9	ug/m3			02/12/26 00:14	1.495
alpha-Chlorotoluene	ND		3.9	1.3	ug/m3			02/12/26 00:14	1.495
Benzene	ND		2.4	0.81	ug/m3			02/12/26 00:14	1.495
Bromodichloromethane	ND		5.0	1.7	ug/m3			02/12/26 00:14	1.495
Bromoform	ND		7.7	2.6	ug/m3			02/12/26 00:14	1.495
Bromomethane	ND		5.8	1.9	ug/m3			02/12/26 00:14	1.495
Carbon disulfide	**3.7**	**J**	9.3	3.1	ug/m3			02/12/26 00:14	1.495
Carbon tetrachloride	ND		4.7	1.6	ug/m3			02/12/26 00:14	1.495
Chlorobenzene	ND		3.4	1.2	ug/m3			02/12/26 00:14	1.495
Chloroethane	ND		7.9	2.6	ug/m3			02/12/26 00:14	1.495
Chloroform	**1.3**	**J**	3.6	1.2	ug/m3			02/12/26 00:14	1.495
Chloromethane	ND		15	5.2	ug/m3			02/12/26 00:14	1.495

Client Sample ID: 822-LFGP-3

Lab Sample ID: 650-4786-3

Date Collected: 01/20/26 12:43
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 00:14	1.495
cis-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			02/12/26 00:14	1.495
Cumene	ND		3.7	1.2	ug/m3			02/12/26 00:14	1.495
Cyclohexane	ND		2.6	0.87	ug/m3			02/12/26 00:14	1.495
Dibromochloromethane	ND		6.4	2.2	ug/m3			02/12/26 00:14	1.495
Ethanol	ND		14	4.7	ug/m3			02/12/26 00:14	1.495
Ethylbenzene	ND		3.2	1.1	ug/m3			02/12/26 00:14	1.495
Freon 11	ND		4.2	1.4	ug/m3			02/12/26 00:14	1.495
Freon 113	ND		5.7	1.9	ug/m3			02/12/26 00:14	1.495
Freon 12	**2.2**	**J**	3.7	1.3	ug/m3			02/12/26 00:14	1.495
Freon-114	ND		5.2	1.8	ug/m3			02/12/26 00:14	1.495
Heptane	ND		3.1	1.0	ug/m3			02/12/26 00:14	1.495
Hexachlorobutadiene	ND		32	11	ug/m3			02/12/26 00:14	1.495
Hexane	ND		2.6	0.90	ug/m3			02/12/26 00:14	1.495
m,p-Xylene	ND		6.5	2.1	ug/m3			02/12/26 00:14	1.495
Methyl tert-butyl ether	ND		11	3.6	ug/m3			02/12/26 00:14	1.495
Methylene Chloride	ND		5.2	1.7	ug/m3			02/12/26 00:14	1.495
Naphthalene	ND		7.8	1.3	ug/m3			02/12/26 00:14	1.495
o-Xylene	ND		3.2	1.1	ug/m3			02/12/26 00:14	1.495
Propylbenzene	ND		3.7	1.2	ug/m3			02/12/26 00:14	1.495
Styrene	ND		3.2	1.1	ug/m3			02/12/26 00:14	1.495
Tetrachloroethene	ND		5.1	1.7	ug/m3			02/12/26 00:14	1.495
Tetrahydrofuran	ND		2.2	0.75	ug/m3			02/12/26 00:14	1.495
Toluene	**3.4**	**J**	5.6	1.9	ug/m3			02/12/26 00:14	1.495
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 00:14	1.495
trans-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			02/12/26 00:14	1.495
Trichloroethene	ND		4.0	1.4	ug/m3			02/12/26 00:14	1.495
Vinyl chloride	ND		1.9	0.65	ug/m3			02/12/26 00:14	1.495

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*02/12/26 00:14*	*1.495*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*02/12/26 00:14*	*1.495*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/12/26 00:14*	*1.495*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000049	% v/v			02/14/26 06:47	1.495

Client Sample ID: 822-LFGP-2

Lab Sample ID: 650-4786-4

Date Collected: 01/20/26 13:21
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.9	1.3	ug/m3			02/12/26 14:13	1.443
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			02/12/26 14:13	1.443
1,1,2-Trichloroethane	ND		3.9	1.3	ug/m3			02/12/26 14:13	1.443
1,1-Dichloroethane	ND		2.9	0.99	ug/m3			02/12/26 14:13	1.443

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-2
Date Collected: 01/20/26 13:21
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-4
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.9	0.97	ug/m3			02/12/26 14:13	1.443
1,2,4-Trichlorobenzene	ND		21	7.2	ug/m3			02/12/26 14:13	1.443
1,2,4-Trimethylbenzene	ND		3.5	1.2	ug/m3			02/12/26 14:13	1.443
1,2-Dibromoethane (EDB)	ND		5.5	1.9	ug/m3			02/12/26 14:13	1.443
1,2-Dichlorobenzene	ND		4.3	1.5	ug/m3			02/12/26 14:13	1.443
1,2-Dichloroethane	ND		2.9	0.99	ug/m3			02/12/26 14:13	1.443
1,2-Dichloropropane	ND		3.3	1.1	ug/m3			02/12/26 14:13	1.443
1,3,5-Trimethylbenzene	ND		3.5	1.2	ug/m3			02/12/26 14:13	1.443
1,3-Butadiene	ND		1.6	0.54	ug/m3			02/12/26 14:13	1.443
1,3-Dichlorobenzene	ND		4.3	1.5	ug/m3			02/12/26 14:13	1.443
1,4-Dichlorobenzene	ND		4.3	1.5	ug/m3			02/12/26 14:13	1.443
1,4-Dioxane	ND		5.2	1.7	ug/m3			02/12/26 14:13	1.443
2,2,4-Trimethylpentane	ND		3.4	1.1	ug/m3			02/12/26 14:13	1.443
2-Butanone (MEK)	ND		8.5	2.9	ug/m3			02/12/26 14:13	1.443
2-Hexanone	ND		12	4.0	ug/m3			02/12/26 14:13	1.443
2-Propanol	**7.7**		7.1	2.4	ug/m3			02/12/26 14:13	1.443
3-Chloropropene	ND		2.3	0.77	ug/m3			02/12/26 14:13	1.443
4-Ethyltoluene	ND		3.5	1.2	ug/m3			02/12/26 14:13	1.443
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			02/12/26 14:13	1.443
Acetone	**7.0**	**J**	17	5.7	ug/m3			02/12/26 14:13	1.443
alpha-Chlorotoluene	ND		3.7	1.3	ug/m3			02/12/26 14:13	1.443
Benzene	ND		2.3	0.78	ug/m3			02/12/26 14:13	1.443
Bromodichloromethane	ND		4.8	1.6	ug/m3			02/12/26 14:13	1.443
Bromoform	ND		7.5	2.5	ug/m3			02/12/26 14:13	1.443
Bromomethane	ND		5.6	1.8	ug/m3			02/12/26 14:13	1.443
Carbon disulfide	**3.2**	**J**	9.0	3.0	ug/m3			02/12/26 14:13	1.443
Carbon tetrachloride	ND		4.5	1.5	ug/m3			02/12/26 14:13	1.443
Chlorobenzene	ND		3.3	1.1	ug/m3			02/12/26 14:13	1.443
Chloroethane	ND		7.6	2.6	ug/m3			02/12/26 14:13	1.443
Chloroform	ND		3.5	1.2	ug/m3			02/12/26 14:13	1.443
Chloromethane	ND		15	5.0	ug/m3			02/12/26 14:13	1.443
cis-1,2-Dichloroethene	ND		2.9	0.97	ug/m3			02/12/26 14:13	1.443
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/12/26 14:13	1.443
Cumene	ND		3.5	1.2	ug/m3			02/12/26 14:13	1.443
Cyclohexane	ND		2.5	0.84	ug/m3			02/12/26 14:13	1.443
Dibromochloromethane	ND		6.1	2.1	ug/m3			02/12/26 14:13	1.443
Ethanol	**13**	**J**	14	4.5	ug/m3			02/12/26 14:13	1.443
Ethylbenzene	ND		3.1	1.1	ug/m3			02/12/26 14:13	1.443
Freon 11	**2.6**	**J**	4.1	1.4	ug/m3			02/12/26 14:13	1.443
Freon 113	ND		5.5	1.9	ug/m3			02/12/26 14:13	1.443
Freon 12	**1.8**	**J**	3.6	1.2	ug/m3			02/12/26 14:13	1.443
Freon-114	ND		5.0	1.7	ug/m3			02/12/26 14:13	1.443
Heptane	ND		3.0	1.0	ug/m3			02/12/26 14:13	1.443
Hexachlorobutadiene	ND		31	10	ug/m3			02/12/26 14:13	1.443
Hexane	**0.87**	**J**	2.5	0.86	ug/m3			02/12/26 14:13	1.443
m,p-Xylene	ND		6.3	2.1	ug/m3			02/12/26 14:13	1.443
Methyl tert-butyl ether	ND		10	3.5	ug/m3			02/12/26 14:13	1.443
Methylene Chloride	**1.8**	**J**	5.0	1.7	ug/m3			02/12/26 14:13	1.443

Client Sample ID: 822-LFGP-2

Lab Sample ID: 650-4786-4

Date Collected: 01/20/26 13:21
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		7.6	1.3	ug/m3			02/12/26 14:13	1.443
o-Xylene	ND		3.1	1.1	ug/m3			02/12/26 14:13	1.443
Propylbenzene	ND		3.5	1.2	ug/m3			02/12/26 14:13	1.443
Styrene	ND		3.1	1.0	ug/m3			02/12/26 14:13	1.443
Tetrachloroethene	ND		4.9	1.7	ug/m3			02/12/26 14:13	1.443
Tetrahydrofuran	ND		2.1	0.72	ug/m3			02/12/26 14:13	1.443
Toluene	**8.8**		5.4	1.8	ug/m3			02/12/26 14:13	1.443
trans-1,2-Dichloroethene	ND		2.9	0.97	ug/m3			02/12/26 14:13	1.443
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/12/26 14:13	1.443
Trichloroethene	ND		3.9	1.3	ug/m3			02/12/26 14:13	1.443
Vinyl chloride	ND		1.8	0.63	ug/m3			02/12/26 14:13	1.443

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 14:13*	*1.443*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/12/26 14:13*	*1.443*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/12/26 14:13*	*1.443*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00014	0.000048	% v/v			02/14/26 07:08	1.443

Client Sample ID: 822-LFGP-1

Lab Sample ID: 650-4786-5

Date Collected: 01/20/26 13:36
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	1.5	ug/m3			02/12/26 14:40	1.627
1,1,2,2-Tetrachloroethane	ND		5.6	1.9	ug/m3			02/12/26 14:40	1.627
1,1,2-Trichloroethane	ND		4.4	1.5	ug/m3			02/12/26 14:40	1.627
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 14:40	1.627
1,1-Dichloroethene	ND		3.2	1.1	ug/m3			02/12/26 14:40	1.627
1,2,4-Trichlorobenzene	ND		24	8.1	ug/m3			02/12/26 14:40	1.627
1,2,4-Trimethylbenzene	ND		4.0	1.4	ug/m3			02/12/26 14:40	1.627
1,2-Dibromoethane (EDB)	ND		6.3	2.1	ug/m3			02/12/26 14:40	1.627
1,2-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 14:40	1.627
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 14:40	1.627
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			02/12/26 14:40	1.627
1,3,5-Trimethylbenzene	ND		4.0	1.4	ug/m3			02/12/26 14:40	1.627
1,3-Butadiene	ND		1.8	0.61	ug/m3			02/12/26 14:40	1.627
1,3-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 14:40	1.627
1,4-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 14:40	1.627
1,4-Dioxane	ND		5.9	1.9	ug/m3			02/12/26 14:40	1.627
2,2,4-Trimethylpentane	ND		3.8	1.3	ug/m3			02/12/26 14:40	1.627
2-Butanone (MEK)	ND		9.6	3.2	ug/m3			02/12/26 14:40	1.627
2-Hexanone	ND		13	4.5	ug/m3			02/12/26 14:40	1.627
2-Propanol	**3.2**	**J**	8.0	2.7	ug/m3			02/12/26 14:40	1.627
3-Chloropropene	ND		2.5	0.87	ug/m3			02/12/26 14:40	1.627

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-1
Date Collected: 01/20/26 13:36
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		4.0	1.4	ug/m3			02/12/26 14:40	1.627
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.1	ug/m3			02/12/26 14:40	1.627
Acetone	ND		19	6.5	ug/m3			02/12/26 14:40	1.627
alpha-Chlorotoluene	ND		4.2	1.4	ug/m3			02/12/26 14:40	1.627
Benzene	ND		2.6	0.88	ug/m3			02/12/26 14:40	1.627
Bromodichloromethane	ND		5.5	1.9	ug/m3			02/12/26 14:40	1.627
Bromoform	ND		8.4	2.9	ug/m3			02/12/26 14:40	1.627
Bromomethane	ND		6.3	2.1	ug/m3			02/12/26 14:40	1.627
Carbon disulfide	ND		10	3.4	ug/m3			02/12/26 14:40	1.627
Carbon tetrachloride	ND		5.1	1.7	ug/m3			02/12/26 14:40	1.627
Chlorobenzene	ND		3.7	1.3	ug/m3			02/12/26 14:40	1.627
Chloroethane	ND		8.6	2.9	ug/m3			02/12/26 14:40	1.627
Chloroform	ND		4.0	1.4	ug/m3			02/12/26 14:40	1.627
Chloromethane	ND		17	5.6	ug/m3			02/12/26 14:40	1.627
cis-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			02/12/26 14:40	1.627
cis-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/12/26 14:40	1.627
Cumene	ND		4.0	1.4	ug/m3			02/12/26 14:40	1.627
Cyclohexane	ND		2.8	0.95	ug/m3			02/12/26 14:40	1.627
Dibromochloromethane	ND		6.9	2.4	ug/m3			02/12/26 14:40	1.627
Ethanol	ND		15	5.1	ug/m3			02/12/26 14:40	1.627
Ethylbenzene	ND		3.5	1.2	ug/m3			02/12/26 14:40	1.627
Freon 11	ND		4.6	1.6	ug/m3			02/12/26 14:40	1.627
Freon 113	ND		6.2	2.1	ug/m3			02/12/26 14:40	1.627
Freon 12	**1.8**	**J**	4.0	1.4	ug/m3			02/12/26 14:40	1.627
Freon-114	ND		5.7	1.9	ug/m3			02/12/26 14:40	1.627
Heptane	ND		3.3	1.1	ug/m3			02/12/26 14:40	1.627
Hexachlorobutadiene	ND		35	12	ug/m3			02/12/26 14:40	1.627
Hexane	ND		2.9	0.97	ug/m3			02/12/26 14:40	1.627
m,p-Xylene	ND		7.1	2.3	ug/m3			02/12/26 14:40	1.627
Methyl tert-butyl ether	ND		12	3.9	ug/m3			02/12/26 14:40	1.627
Methylene Chloride	ND		5.7	1.9	ug/m3			02/12/26 14:40	1.627
Naphthalene	ND		8.5	1.4	ug/m3			02/12/26 14:40	1.627
o-Xylene	ND		3.5	1.2	ug/m3			02/12/26 14:40	1.627
Propylbenzene	ND		4.0	1.4	ug/m3			02/12/26 14:40	1.627
Styrene	ND		3.5	1.2	ug/m3			02/12/26 14:40	1.627
Tetrachloroethene	**11**		5.5	1.9	ug/m3			02/12/26 14:40	1.627
Tetrahydrofuran	ND		2.4	0.82	ug/m3			02/12/26 14:40	1.627
Toluene	**3.2**	**J**	6.1	2.0	ug/m3			02/12/26 14:40	1.627
trans-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			02/12/26 14:40	1.627
trans-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/12/26 14:40	1.627
Trichloroethene	ND		4.4	1.5	ug/m3			02/12/26 14:40	1.627
Vinyl chloride	ND		2.1	0.71	ug/m3			02/12/26 14:40	1.627

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 14:40*	*1.627*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*02/12/26 14:40*	*1.627*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/12/26 14:40*	*1.627*

Client Sample ID: 822-LFGP-1
Lab Sample ID: 650-4786-5

Date Collected: 01/20/26 13:36
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND	H	0.00016	0.000054	% v/v			02/24/26 21:40	1.627

Client Sample ID: 822-LFGP-DUP
Lab Sample ID: 650-4786-6

Date Collected: 01/20/26 13:36
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	1.6	ug/m3			02/12/26 15:07	1.747
1,1,2,2-Tetrachloroethane	ND		6.0	2.0	ug/m3			02/12/26 15:07	1.747
1,1,2-Trichloroethane	ND		4.8	1.6	ug/m3			02/12/26 15:07	1.747
1,1-Dichloroethane	ND		3.5	1.2	ug/m3			02/12/26 15:07	1.747
1,1-Dichloroethene	ND		3.5	1.2	ug/m3			02/12/26 15:07	1.747
1,2,4-Trichlorobenzene	ND		26	8.7	ug/m3			02/12/26 15:07	1.747
1,2,4-Trimethylbenzene	ND		4.3	1.5	ug/m3			02/12/26 15:07	1.747
1,2-Dibromoethane (EDB)	ND		6.7	2.3	ug/m3			02/12/26 15:07	1.747
1,2-Dichlorobenzene	ND		5.3	1.8	ug/m3			02/12/26 15:07	1.747
1,2-Dichloroethane	ND		3.5	1.2	ug/m3			02/12/26 15:07	1.747
1,2-Dichloropropane	ND		4.0	1.4	ug/m3			02/12/26 15:07	1.747
1,3,5-Trimethylbenzene	ND		4.3	1.5	ug/m3			02/12/26 15:07	1.747
1,3-Butadiene	ND		1.9	0.66	ug/m3			02/12/26 15:07	1.747
1,3-Dichlorobenzene	ND		5.3	1.8	ug/m3			02/12/26 15:07	1.747
1,4-Dichlorobenzene	ND		5.3	1.8	ug/m3			02/12/26 15:07	1.747
1,4-Dioxane	ND		6.3	2.1	ug/m3			02/12/26 15:07	1.747
2,2,4-Trimethylpentane	ND		4.1	1.4	ug/m3			02/12/26 15:07	1.747
2-Butanone (MEK)	ND		10	3.5	ug/m3			02/12/26 15:07	1.747
2-Hexanone	ND		14	4.8	ug/m3			02/12/26 15:07	1.747
2-Propanol	**4.0**	**J**	8.6	2.9	ug/m3			02/12/26 15:07	1.747
3-Chloropropene	ND		2.7	0.93	ug/m3			02/12/26 15:07	1.747
4-Ethyltoluene	ND		4.3	1.5	ug/m3			02/12/26 15:07	1.747
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.2	ug/m3			02/12/26 15:07	1.747
Acetone	ND		21	6.9	ug/m3			02/12/26 15:07	1.747
alpha-Chlorotoluene	ND		4.5	1.5	ug/m3			02/12/26 15:07	1.747
Benzene	ND		2.8	0.95	ug/m3			02/12/26 15:07	1.747
Bromodichloromethane	ND		5.9	2.0	ug/m3			02/12/26 15:07	1.747
Bromoform	ND		9.0	3.1	ug/m3			02/12/26 15:07	1.747
Bromomethane	ND		6.8	2.2	ug/m3			02/12/26 15:07	1.747
Carbon disulfide	ND		11	3.6	ug/m3			02/12/26 15:07	1.747
Carbon tetrachloride	ND		5.5	1.9	ug/m3			02/12/26 15:07	1.747
Chlorobenzene	ND		4.0	1.4	ug/m3			02/12/26 15:07	1.747
Chloroethane	ND		9.2	3.1	ug/m3			02/12/26 15:07	1.747
Chloroform	ND		4.3	1.5	ug/m3			02/12/26 15:07	1.747
Chloromethane	ND		18	6.0	ug/m3			02/12/26 15:07	1.747
cis-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			02/12/26 15:07	1.747
cis-1,3-Dichloropropene	ND		4.0	1.3	ug/m3			02/12/26 15:07	1.747
Cumene	ND		4.3	1.5	ug/m3			02/12/26 15:07	1.747
Cyclohexane	ND		3.0	1.0	ug/m3			02/12/26 15:07	1.747
Dibromochloromethane	ND		7.4	2.5	ug/m3			02/12/26 15:07	1.747

Client Sample ID: 822-LFGP-DUP

Lab Sample ID: 650-4786-6

Date Collected: 01/20/26 13:36
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		16	5.5	ug/m3			02/12/26 15:07	1.747
Ethylbenzene	ND		3.8	1.3	ug/m3			02/12/26 15:07	1.747
Freon 11	ND		4.9	1.7	ug/m3			02/12/26 15:07	1.747
Freon 113	ND		6.7	2.3	ug/m3			02/12/26 15:07	1.747
Freon 12	**1.6**	**J**	4.3	1.5	ug/m3			02/12/26 15:07	1.747
Freon-114	ND		6.1	2.1	ug/m3			02/12/26 15:07	1.747
Heptane	ND		3.6	1.2	ug/m3			02/12/26 15:07	1.747
Hexachlorobutadiene	ND		37	12	ug/m3			02/12/26 15:07	1.747
Hexane	ND		3.1	1.0	ug/m3			02/12/26 15:07	1.747
m,p-Xylene	ND		7.6	2.5	ug/m3			02/12/26 15:07	1.747
Methyl tert-butyl ether	ND		13	4.2	ug/m3			02/12/26 15:07	1.747
Methylene Chloride	ND		6.1	2.0	ug/m3			02/12/26 15:07	1.747
Naphthalene	ND		9.2	1.6	ug/m3			02/12/26 15:07	1.747
o-Xylene	ND		3.8	1.3	ug/m3			02/12/26 15:07	1.747
Propylbenzene	ND		4.3	1.5	ug/m3			02/12/26 15:07	1.747
Styrene	ND		3.7	1.3	ug/m3			02/12/26 15:07	1.747
Tetrachloroethene	**12**		5.9	2.0	ug/m3			02/12/26 15:07	1.747
Tetrahydrofuran	ND		2.6	0.88	ug/m3			02/12/26 15:07	1.747
Toluene	**2.8**	**J**	6.6	2.2	ug/m3			02/12/26 15:07	1.747
trans-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			02/12/26 15:07	1.747
trans-1,3-Dichloropropene	ND		4.0	1.3	ug/m3			02/12/26 15:07	1.747
Trichloroethene	ND		4.7	1.6	ug/m3			02/12/26 15:07	1.747
Vinyl chloride	ND		2.2	0.76	ug/m3			02/12/26 15:07	1.747

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 15:07*	*1.747*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*02/12/26 15:07*	*1.747*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/12/26 15:07*	*1.747*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00017	0.000058	% v/v			02/14/26 15:02	1.747

Client Sample ID: 822-LFGP-10

Lab Sample ID: 650-4786-7

Date Collected: 01/20/26 11:28
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 15:35	1.66
1,1,2,2-Tetrachloroethane	ND		5.7	1.9	ug/m3			02/12/26 15:35	1.66
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 15:35	1.66
1,1-Dichloroethane	ND		3.4	1.1	ug/m3			02/12/26 15:35	1.66
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 15:35	1.66
1,2,4-Trichlorobenzene	ND		25	8.3	ug/m3			02/12/26 15:35	1.66
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
1,2-Dibromoethane (EDB)	ND		6.4	2.2	ug/m3			02/12/26 15:35	1.66
1,2-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 15:35	1.66

Client Sample ID: 822-LFGP-10
Date Collected: 01/20/26 11:28
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-7
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		3.4	1.1	ug/m3			02/12/26 15:35	1.66
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			02/12/26 15:35	1.66
1,3,5-Trimethylbenzene	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
1,3-Butadiene	ND		1.8	0.62	ug/m3			02/12/26 15:35	1.66
1,3-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 15:35	1.66
1,4-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 15:35	1.66
1,4-Dioxane	ND		6.0	2.0	ug/m3			02/12/26 15:35	1.66
2,2,4-Trimethylpentane	ND		3.9	1.3	ug/m3			02/12/26 15:35	1.66
2-Butanone (MEK)	ND		9.8	3.3	ug/m3			02/12/26 15:35	1.66
2-Hexanone	ND		14	4.6	ug/m3			02/12/26 15:35	1.66
2-Propanol	**8.1**	**J**	8.2	2.7	ug/m3			02/12/26 15:35	1.66
3-Chloropropene	ND		2.6	0.88	ug/m3			02/12/26 15:35	1.66
4-Ethyltoluene	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.2	ug/m3			02/12/26 15:35	1.66
Acetone	**31**		20	6.6	ug/m3			02/12/26 15:35	1.66
alpha-Chlorotoluene	ND		4.3	1.5	ug/m3			02/12/26 15:35	1.66
Benzene	ND		2.7	0.90	ug/m3			02/12/26 15:35	1.66
Bromodichloromethane	ND		5.6	1.9	ug/m3			02/12/26 15:35	1.66
Bromoform	ND		8.6	2.9	ug/m3			02/12/26 15:35	1.66
Bromomethane	ND		6.4	2.1	ug/m3			02/12/26 15:35	1.66
Carbon disulfide	ND		10	3.5	ug/m3			02/12/26 15:35	1.66
Carbon tetrachloride	ND		5.2	1.8	ug/m3			02/12/26 15:35	1.66
Chlorobenzene	ND		3.8	1.3	ug/m3			02/12/26 15:35	1.66
Chloroethane	ND		8.8	2.9	ug/m3			02/12/26 15:35	1.66
Chloroform	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
Chloromethane	ND		17	5.7	ug/m3			02/12/26 15:35	1.66
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 15:35	1.66
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			02/12/26 15:35	1.66
Cumene	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
Cyclohexane	ND		2.9	0.97	ug/m3			02/12/26 15:35	1.66
Dibromochloromethane	ND		7.1	2.4	ug/m3			02/12/26 15:35	1.66
Ethanol	ND		16	5.2	ug/m3			02/12/26 15:35	1.66
Ethylbenzene	ND		3.6	1.2	ug/m3			02/12/26 15:35	1.66
Freon 11	ND		4.7	1.6	ug/m3			02/12/26 15:35	1.66
Freon 113	ND		6.4	2.2	ug/m3			02/12/26 15:35	1.66
Freon 12	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
Freon-114	ND		5.8	2.0	ug/m3			02/12/26 15:35	1.66
Heptane	ND		3.4	1.2	ug/m3			02/12/26 15:35	1.66
Hexachlorobutadiene	ND		35	12	ug/m3			02/12/26 15:35	1.66
Hexane	ND		2.9	0.99	ug/m3			02/12/26 15:35	1.66
m,p-Xylene	ND		7.2	2.4	ug/m3			02/12/26 15:35	1.66
Methyl tert-butyl ether	ND		12	4.0	ug/m3			02/12/26 15:35	1.66
Methylene Chloride	ND		5.8	1.9	ug/m3			02/12/26 15:35	1.66
Naphthalene	ND		8.7	1.5	ug/m3			02/12/26 15:35	1.66
o-Xylene	ND		3.6	1.2	ug/m3			02/12/26 15:35	1.66
Propylbenzene	ND		4.1	1.4	ug/m3			02/12/26 15:35	1.66
Styrene	ND		3.5	1.2	ug/m3			02/12/26 15:35	1.66
Tetrachloroethene	**2.1**	**J**	5.6	1.9	ug/m3			02/12/26 15:35	1.66

Client Sample ID: 822-LFGP-10

Lab Sample ID: 650-4786-7

Date Collected: 01/20/26 11:28
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	ND		2.4	0.83	ug/m3			02/12/26 15:35	1.66
Toluene	**3.3**	**J**	6.3	2.1	ug/m3			02/12/26 15:35	1.66
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 15:35	1.66
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			02/12/26 15:35	1.66
Trichloroethene	ND		4.5	1.5	ug/m3			02/12/26 15:35	1.66
Vinyl chloride	ND		2.1	0.72	ug/m3			02/12/26 15:35	1.66

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 15:35*	*1.66*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/12/26 15:35*	*1.66*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 15:35*	*1.66*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00028**		0.00017	0.000055	% v/v			02/14/26 15:26	1.66

Client Sample ID: 822-LFGP-9

Lab Sample ID: 650-4786-8

Date Collected: 01/20/26 11:07
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	1.5	ug/m3			02/12/26 16:02	1.596
1,1,2,2-Tetrachloroethane	ND		5.5	1.9	ug/m3			02/12/26 16:02	1.596
1,1,2-Trichloroethane	ND		4.4	1.5	ug/m3			02/12/26 16:02	1.596
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			02/12/26 16:02	1.596
1,1-Dichloroethene	ND		3.2	1.1	ug/m3			02/12/26 16:02	1.596
1,2,4-Trichlorobenzene	ND		24	7.9	ug/m3			02/12/26 16:02	1.596
1,2,4-Trimethylbenzene	ND		3.9	1.3	ug/m3			02/12/26 16:02	1.596
1,2-Dibromoethane (EDB)	ND		6.1	2.1	ug/m3			02/12/26 16:02	1.596
1,2-Dichlorobenzene	ND		4.8	1.6	ug/m3			02/12/26 16:02	1.596
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			02/12/26 16:02	1.596
1,2-Dichloropropane	ND		3.7	1.3	ug/m3			02/12/26 16:02	1.596
1,3,5-Trimethylbenzene	ND		3.9	1.3	ug/m3			02/12/26 16:02	1.596
1,3-Butadiene	ND		1.8	0.60	ug/m3			02/12/26 16:02	1.596
1,3-Dichlorobenzene	ND		4.8	1.6	ug/m3			02/12/26 16:02	1.596
1,4-Dichlorobenzene	ND		4.8	1.6	ug/m3			02/12/26 16:02	1.596
1,4-Dioxane	ND		5.8	1.9	ug/m3			02/12/26 16:02	1.596
2,2,4-Trimethylpentane	ND		3.7	1.3	ug/m3			02/12/26 16:02	1.596
2-Butanone (MEK)	ND		9.4	3.2	ug/m3			02/12/26 16:02	1.596
2-Hexanone	ND		13	4.4	ug/m3			02/12/26 16:02	1.596
2-Propanol	ND		7.8	2.6	ug/m3			02/12/26 16:02	1.596
3-Chloropropene	ND		2.5	0.85	ug/m3			02/12/26 16:02	1.596
4-Ethyltoluene	ND		3.9	1.3	ug/m3			02/12/26 16:02	1.596
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.1	ug/m3			02/12/26 16:02	1.596
Acetone	**15**	**J**	19	6.3	ug/m3			02/12/26 16:02	1.596
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			02/12/26 16:02	1.596
Benzene	ND		2.5	0.87	ug/m3			02/12/26 16:02	1.596

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-9

Date Collected: 01/20/26 11:07
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-8

Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		5.3	1.8	ug/m3			02/12/26 16:02	1.596
Bromoform	ND		8.2	2.8	ug/m3			02/12/26 16:02	1.596
Bromomethane	ND		6.2	2.0	ug/m3			02/12/26 16:02	1.596
Carbon disulfide	ND		9.9	3.3	ug/m3			02/12/26 16:02	1.596
Carbon tetrachloride	ND		5.0	1.7	ug/m3			02/12/26 16:02	1.596
Chlorobenzene	ND		3.7	1.2	ug/m3			02/12/26 16:02	1.596
Chloroethane	ND		8.4	2.8	ug/m3			02/12/26 16:02	1.596
Chloroform	ND		3.9	1.3	ug/m3			02/12/26 16:02	1.596
Chloromethane	ND		16	5.5	ug/m3			02/12/26 16:02	1.596
cis-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			02/12/26 16:02	1.596
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/12/26 16:02	1.596
Cumene	ND		3.9	1.3	ug/m3			02/12/26 16:02	1.596
Cyclohexane	ND		2.7	0.93	ug/m3			02/12/26 16:02	1.596
Dibromochloromethane	ND		6.8	2.3	ug/m3			02/12/26 16:02	1.596
Ethanol	**5.8**	**J**	15	5.0	ug/m3			02/12/26 16:02	1.596
Ethylbenzene	ND		3.5	1.2	ug/m3			02/12/26 16:02	1.596
Freon 11	ND		4.5	1.5	ug/m3			02/12/26 16:02	1.596
Freon 113	ND		6.1	2.1	ug/m3			02/12/26 16:02	1.596
Freon 12	**2.5**	**J**	3.9	1.3	ug/m3			02/12/26 16:02	1.596
Freon-114	ND		5.6	1.9	ug/m3			02/12/26 16:02	1.596
Heptane	ND		3.3	1.1	ug/m3			02/12/26 16:02	1.596
Hexachlorobutadiene	ND		34	11	ug/m3			02/12/26 16:02	1.596
Hexane	ND		2.8	0.96	ug/m3			02/12/26 16:02	1.596
m,p-Xylene	ND		6.9	2.3	ug/m3			02/12/26 16:02	1.596
Methyl tert-butyl ether	ND		12	3.9	ug/m3			02/12/26 16:02	1.596
Methylene Chloride	ND		5.5	1.8	ug/m3			02/12/26 16:02	1.596
Naphthalene	ND		8.4	1.4	ug/m3			02/12/26 16:02	1.596
o-Xylene	ND		3.5	1.2	ug/m3			02/12/26 16:02	1.596
Propylbenzene	ND		3.9	1.3	ug/m3			02/12/26 16:02	1.596
Styrene	ND		3.4	1.2	ug/m3			02/12/26 16:02	1.596
Tetrachloroethene	ND		5.4	1.8	ug/m3			02/12/26 16:02	1.596
Tetrahydrofuran	ND		2.4	0.80	ug/m3			02/12/26 16:02	1.596
Toluene	**8.3**		6.0	2.0	ug/m3			02/12/26 16:02	1.596
trans-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			02/12/26 16:02	1.596
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/12/26 16:02	1.596
Trichloroethene	ND		4.3	1.5	ug/m3			02/12/26 16:02	1.596
Vinyl chloride	ND		2.0	0.69	ug/m3			02/12/26 16:02	1.596

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 16:02*	*1.596*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*02/12/26 16:02*	*1.596*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/12/26 16:02*	*1.596*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00020**		0.00016	0.000053	% v/v			02/14/26 15:50	1.596

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-8
Date Collected: 01/20/26 10:37
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-9
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	1.6	ug/m3			02/12/26 16:29	1.676
1,1,2,2-Tetrachloroethane	ND		5.8	2.0	ug/m3			02/12/26 16:29	1.676
1,1,2-Trichloroethane	ND		4.6	1.6	ug/m3			02/12/26 16:29	1.676
1,1-Dichloroethane	ND		3.4	1.2	ug/m3			02/12/26 16:29	1.676
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 16:29	1.676
1,2,4-Trichlorobenzene	ND		25	8.3	ug/m3			02/12/26 16:29	1.676
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/m3			02/12/26 16:29	1.676
1,2-Dibromoethane (EDB)	ND		6.4	2.2	ug/m3			02/12/26 16:29	1.676
1,2-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 16:29	1.676
1,2-Dichloroethane	ND		3.4	1.2	ug/m3			02/12/26 16:29	1.676
1,2-Dichloropropane	ND		3.9	1.3	ug/m3			02/12/26 16:29	1.676
1,3,5-Trimethylbenzene	ND		4.1	1.4	ug/m3			02/12/26 16:29	1.676
1,3-Butadiene	ND		1.9	0.63	ug/m3			02/12/26 16:29	1.676
1,3-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 16:29	1.676
1,4-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 16:29	1.676
1,4-Dioxane	ND		6.0	2.0	ug/m3			02/12/26 16:29	1.676
2,2,4-Trimethylpentane	ND		3.9	1.3	ug/m3			02/12/26 16:29	1.676
2-Butanone (MEK)	ND		9.9	3.3	ug/m3			02/12/26 16:29	1.676
2-Hexanone	ND		14	4.6	ug/m3			02/12/26 16:29	1.676
2-Propanol	**9.8**		8.2	2.8	ug/m3			02/12/26 16:29	1.676
3-Chloropropene	ND		2.6	0.89	ug/m3			02/12/26 16:29	1.676
4-Ethyltoluene	ND		4.1	1.4	ug/m3			02/12/26 16:29	1.676
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.2	ug/m3			02/12/26 16:29	1.676
Acetone	**14**	**J**	20	6.6	ug/m3			02/12/26 16:29	1.676
alpha-Chlorotoluene	ND		4.3	1.5	ug/m3			02/12/26 16:29	1.676
Benzene	ND		2.7	0.91	ug/m3			02/12/26 16:29	1.676
Bromodichloromethane	ND		5.6	1.9	ug/m3			02/12/26 16:29	1.676
Bromoform	ND		8.7	2.9	ug/m3			02/12/26 16:29	1.676
Bromomethane	ND		6.5	2.1	ug/m3			02/12/26 16:29	1.676
Carbon disulfide	ND		10	3.5	ug/m3			02/12/26 16:29	1.676
Carbon tetrachloride	ND		5.3	1.8	ug/m3			02/12/26 16:29	1.676
Chlorobenzene	ND		3.9	1.3	ug/m3			02/12/26 16:29	1.676
Chloroethane	ND		8.8	3.0	ug/m3			02/12/26 16:29	1.676
Chloroform	ND		4.1	1.4	ug/m3			02/12/26 16:29	1.676
Chloromethane	ND		17	5.8	ug/m3			02/12/26 16:29	1.676
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 16:29	1.676
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			02/12/26 16:29	1.676
Cumene	ND		4.1	1.4	ug/m3			02/12/26 16:29	1.676
Cyclohexane	ND		2.9	0.98	ug/m3			02/12/26 16:29	1.676
Dibromochloromethane	ND		7.1	2.4	ug/m3			02/12/26 16:29	1.676
Ethanol	ND		16	5.3	ug/m3			02/12/26 16:29	1.676
Ethylbenzene	ND		3.6	1.2	ug/m3			02/12/26 16:29	1.676
Freon 11	ND		4.7	1.6	ug/m3			02/12/26 16:29	1.676
Freon 113	ND		6.4	2.2	ug/m3			02/12/26 16:29	1.676
Freon 12	**2.4**	**J**	4.1	1.4	ug/m3			02/12/26 16:29	1.676
Freon-114	ND		5.9	2.0	ug/m3			02/12/26 16:29	1.676
Heptane	ND		3.4	1.2	ug/m3			02/12/26 16:29	1.676
Hexachlorobutadiene	ND		36	12	ug/m3			02/12/26 16:29	1.676

Client Sample ID: 822-LFGP-8

Lab Sample ID: 650-4786-9

Date Collected: 01/20/26 10:37
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		3.0	1.0	ug/m3			02/12/26 16:29	1.676
m,p-Xylene	ND		7.3	2.4	ug/m3			02/12/26 16:29	1.676
Methyl tert-butyl ether	ND		12	4.0	ug/m3			02/12/26 16:29	1.676
Methylene Chloride	ND		5.8	1.9	ug/m3			02/12/26 16:29	1.676
Naphthalene	ND		8.8	1.5	ug/m3			02/12/26 16:29	1.676
o-Xylene	ND		3.6	1.2	ug/m3			02/12/26 16:29	1.676
Propylbenzene	ND		4.1	1.4	ug/m3			02/12/26 16:29	1.676
Styrene	ND		3.6	1.2	ug/m3			02/12/26 16:29	1.676
Tetrachloroethene	**60**		5.7	1.9	ug/m3			02/12/26 16:29	1.676
Tetrahydrofuran	ND		2.5	0.84	ug/m3			02/12/26 16:29	1.676
Toluene	**4.6**	**J**	6.3	2.1	ug/m3			02/12/26 16:29	1.676
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 16:29	1.676
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			02/12/26 16:29	1.676
Trichloroethene	ND		4.5	1.5	ug/m3			02/12/26 16:29	1.676
Vinyl chloride	ND		2.1	0.73	ug/m3			02/12/26 16:29	1.676

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 16:29*	*1.676*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*02/12/26 16:29*	*1.676*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 16:29*	*1.676*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00017	0.000055	% v/v			02/14/26 16:13	1.676

Client Sample ID: 822-LFGP-7

Lab Sample ID: 650-4786-10

Date Collected: 01/20/26 10:32
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.7	1.3	ug/m3			02/12/26 16:56	1.352
1,1,2,2-Tetrachloroethane	ND		4.6	1.6	ug/m3			02/12/26 16:56	1.352
1,1,2-Trichloroethane	ND		3.7	1.3	ug/m3			02/12/26 16:56	1.352
1,1-Dichloroethane	ND		2.7	0.93	ug/m3			02/12/26 16:56	1.352
1,1-Dichloroethene	ND		2.7	0.91	ug/m3			02/12/26 16:56	1.352
1,2,4-Trichlorobenzene	ND		20	6.7	ug/m3			02/12/26 16:56	1.352
1,2,4-Trimethylbenzene	ND		3.3	1.1	ug/m3			02/12/26 16:56	1.352
1,2-Dibromoethane (EDB)	ND		5.2	1.8	ug/m3			02/12/26 16:56	1.352
1,2-Dichlorobenzene	ND		4.1	1.4	ug/m3			02/12/26 16:56	1.352
1,2-Dichloroethane	ND		2.7	0.93	ug/m3			02/12/26 16:56	1.352
1,2-Dichloropropane	ND		3.1	1.1	ug/m3			02/12/26 16:56	1.352
1,3,5-Trimethylbenzene	ND		3.3	1.1	ug/m3			02/12/26 16:56	1.352
1,3-Butadiene	ND		1.5	0.51	ug/m3			02/12/26 16:56	1.352
1,3-Dichlorobenzene	ND		4.1	1.4	ug/m3			02/12/26 16:56	1.352
1,4-Dichlorobenzene	ND		4.1	1.4	ug/m3			02/12/26 16:56	1.352
1,4-Dioxane	ND		4.9	1.6	ug/m3			02/12/26 16:56	1.352
2,2,4-Trimethylpentane	ND		3.2	1.1	ug/m3			02/12/26 16:56	1.352

Client Sample ID: 822-LFGP-7
Date Collected: 01/20/26 10:32
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-10
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		8.0	2.7	ug/m3			02/12/26 16:56	1.352
2-Hexanone	ND		11	3.7	ug/m3			02/12/26 16:56	1.352
2-Propanol	**3.7**	**J**	6.6	2.2	ug/m3			02/12/26 16:56	1.352
3-Chloropropene	ND		2.1	0.72	ug/m3			02/12/26 16:56	1.352
4-Ethyltoluene	ND		3.3	1.1	ug/m3			02/12/26 16:56	1.352
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.94	ug/m3			02/12/26 16:56	1.352
Acetone	**11**	**J**	16	5.4	ug/m3			02/12/26 16:56	1.352
alpha-Chlorotoluene	ND		3.5	1.2	ug/m3			02/12/26 16:56	1.352
Benzene	ND		2.2	0.73	ug/m3			02/12/26 16:56	1.352
Bromodichloromethane	ND		4.5	1.5	ug/m3			02/12/26 16:56	1.352
Bromoform	ND		7.0	2.4	ug/m3			02/12/26 16:56	1.352
Bromomethane	ND		5.2	1.7	ug/m3			02/12/26 16:56	1.352
Carbon disulfide	ND		8.4	2.8	ug/m3			02/12/26 16:56	1.352
Carbon tetrachloride	ND		4.3	1.4	ug/m3			02/12/26 16:56	1.352
Chlorobenzene	ND		3.1	1.1	ug/m3			02/12/26 16:56	1.352
Chloroethane	ND		7.1	2.4	ug/m3			02/12/26 16:56	1.352
Chloroform	ND		3.3	1.1	ug/m3			02/12/26 16:56	1.352
Chloromethane	ND		14	4.7	ug/m3			02/12/26 16:56	1.352
cis-1,2-Dichloroethene	ND		2.7	0.91	ug/m3			02/12/26 16:56	1.352
cis-1,3-Dichloropropene	ND		3.1	1.0	ug/m3			02/12/26 16:56	1.352
Cumene	ND		3.3	1.1	ug/m3			02/12/26 16:56	1.352
Cyclohexane	ND		2.3	0.79	ug/m3			02/12/26 16:56	1.352
Dibromochloromethane	ND		5.8	2.0	ug/m3			02/12/26 16:56	1.352
Ethanol	**4.4**	**J**	13	4.3	ug/m3			02/12/26 16:56	1.352
Ethylbenzene	ND		2.9	1.0	ug/m3			02/12/26 16:56	1.352
Freon 11	ND		3.8	1.3	ug/m3			02/12/26 16:56	1.352
Freon 113	ND		5.2	1.8	ug/m3			02/12/26 16:56	1.352
Freon 12	**2.5**	**J**	3.3	1.1	ug/m3			02/12/26 16:56	1.352
Freon-114	ND		4.7	1.6	ug/m3			02/12/26 16:56	1.352
Heptane	ND		2.8	0.94	ug/m3			02/12/26 16:56	1.352
Hexachlorobutadiene	ND		29	9.7	ug/m3			02/12/26 16:56	1.352
Hexane	ND		2.4	0.81	ug/m3			02/12/26 16:56	1.352
m,p-Xylene	ND		5.9	1.9	ug/m3			02/12/26 16:56	1.352
Methyl tert-butyl ether	ND		9.7	3.3	ug/m3			02/12/26 16:56	1.352
Methylene Chloride	ND		4.7	1.5	ug/m3			02/12/26 16:56	1.352
Naphthalene	ND		7.1	1.2	ug/m3			02/12/26 16:56	1.352
o-Xylene	ND		2.9	1.0	ug/m3			02/12/26 16:56	1.352
Propylbenzene	ND		3.3	1.1	ug/m3			02/12/26 16:56	1.352
Styrene	ND		2.9	0.98	ug/m3			02/12/26 16:56	1.352
Tetrachloroethene	ND		4.6	1.6	ug/m3			02/12/26 16:56	1.352
Tetrahydrofuran	ND		2.0	0.68	ug/m3			02/12/26 16:56	1.352
Toluene	**6.3**		5.1	1.7	ug/m3			02/12/26 16:56	1.352
trans-1,2-Dichloroethene	ND		2.7	0.91	ug/m3			02/12/26 16:56	1.352
trans-1,3-Dichloropropene	ND		3.1	1.0	ug/m3			02/12/26 16:56	1.352
Trichloroethene	ND		3.6	1.2	ug/m3			02/12/26 16:56	1.352
Vinyl chloride	ND		1.7	0.59	ug/m3			02/12/26 16:56	1.352

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*02/12/26 16:56*	*1.352*

Client Sample ID: 822-LFGP-7

Lab Sample ID: 650-4786-10

Date Collected: 01/20/26 10:32
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*02/12/26 16:56*	*1.352*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 16:56*	*1.352*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.054**		0.00014	0.000045	% v/v			02/14/26 16:37	1.352

Client Sample ID: 822-LFGP-6

Lab Sample ID: 650-4786-11

Date Collected: 01/20/26 10:16
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	1.4	ug/m3			02/12/26 17:23	1.523
1,1,2,2-Tetrachloroethane	ND		5.2	1.8	ug/m3			02/12/26 17:23	1.523
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			02/12/26 17:23	1.523
1,1-Dichloroethane	ND		3.1	1.0	ug/m3			02/12/26 17:23	1.523
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 17:23	1.523
1,2,4-Trichlorobenzene	ND		23	7.6	ug/m3			02/12/26 17:23	1.523
1,2,4-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/12/26 17:23	1.523
1,2-Dibromoethane (EDB)	ND		5.9	2.0	ug/m3			02/12/26 17:23	1.523
1,2-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/12/26 17:23	1.523
1,2-Dichloroethane	ND		3.1	1.0	ug/m3			02/12/26 17:23	1.523
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			02/12/26 17:23	1.523
1,3,5-Trimethylbenzene	ND		3.7	1.3	ug/m3			02/12/26 17:23	1.523
1,3-Butadiene	ND		1.7	0.57	ug/m3			02/12/26 17:23	1.523
1,3-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/12/26 17:23	1.523
1,4-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/12/26 17:23	1.523
1,4-Dioxane	ND		5.5	1.8	ug/m3			02/12/26 17:23	1.523
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			02/12/26 17:23	1.523
2-Butanone (MEK)	ND		9.0	3.0	ug/m3			02/12/26 17:23	1.523
2-Hexanone	ND		12	4.2	ug/m3			02/12/26 17:23	1.523
2-Propanol	ND		7.5	2.5	ug/m3			02/12/26 17:23	1.523
3-Chloropropene	ND		2.4	0.81	ug/m3			02/12/26 17:23	1.523
4-Ethyltoluene	ND		3.7	1.3	ug/m3			02/12/26 17:23	1.523
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			02/12/26 17:23	1.523
Acetone	**7.0**	**J**	18	6.0	ug/m3			02/12/26 17:23	1.523
alpha-Chlorotoluene	ND		3.9	1.3	ug/m3			02/12/26 17:23	1.523
Benzene	**2.0**	**J**	2.4	0.83	ug/m3			02/12/26 17:23	1.523
Bromodichloromethane	ND		5.1	1.7	ug/m3			02/12/26 17:23	1.523
Bromoform	ND		7.9	2.7	ug/m3			02/12/26 17:23	1.523
Bromomethane	ND		5.9	2.0	ug/m3			02/12/26 17:23	1.523
Carbon disulfide	ND		9.5	3.2	ug/m3			02/12/26 17:23	1.523
Carbon tetrachloride	ND		4.8	1.6	ug/m3			02/12/26 17:23	1.523
Chlorobenzene	ND		3.5	1.2	ug/m3			02/12/26 17:23	1.523
Chloroethane	ND		8.0	2.7	ug/m3			02/12/26 17:23	1.523
Chloroform	ND		3.7	1.3	ug/m3			02/12/26 17:23	1.523
Chloromethane	ND		16	5.3	ug/m3			02/12/26 17:23	1.523

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-6
Date Collected: 01/20/26 10:16
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4786-11
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 17:23	1.523
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			02/12/26 17:23	1.523
Cumene	ND		3.7	1.3	ug/m3			02/12/26 17:23	1.523
Cyclohexane	**2.7**		2.6	0.89	ug/m3			02/12/26 17:23	1.523
Dibromochloromethane	ND		6.5	2.2	ug/m3			02/12/26 17:23	1.523
Ethanol	ND		14	4.8	ug/m3			02/12/26 17:23	1.523
Ethylbenzene	ND		3.3	1.1	ug/m3			02/12/26 17:23	1.523
Freon 11	ND		4.3	1.5	ug/m3			02/12/26 17:23	1.523
Freon 113	ND		5.8	2.0	ug/m3			02/12/26 17:23	1.523
Freon 12	**39**		3.8	1.3	ug/m3			02/12/26 17:23	1.523
Freon-114	ND		5.3	1.8	ug/m3			02/12/26 17:23	1.523
Heptane	ND		3.1	1.1	ug/m3			02/12/26 17:23	1.523
Hexachlorobutadiene	ND		32	11	ug/m3			02/12/26 17:23	1.523
Hexane	ND		2.7	0.91	ug/m3			02/12/26 17:23	1.523
m,p-Xylene	ND		6.6	2.2	ug/m3			02/12/26 17:23	1.523
Methyl tert-butyl ether	ND		11	3.7	ug/m3			02/12/26 17:23	1.523
Methylene Chloride	ND		5.3	1.7	ug/m3			02/12/26 17:23	1.523
Naphthalene	ND		8.0	1.4	ug/m3			02/12/26 17:23	1.523
o-Xylene	ND		3.3	1.1	ug/m3			02/12/26 17:23	1.523
Propylbenzene	ND		3.7	1.3	ug/m3			02/12/26 17:23	1.523
Styrene	ND		3.2	1.1	ug/m3			02/12/26 17:23	1.523
Tetrachloroethene	ND		5.2	1.8	ug/m3			02/12/26 17:23	1.523
Tetrahydrofuran	ND		2.2	0.76	ug/m3			02/12/26 17:23	1.523
Toluene	**8.4**		5.7	1.9	ug/m3			02/12/26 17:23	1.523
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 17:23	1.523
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			02/12/26 17:23	1.523
Trichloroethene	ND		4.1	1.4	ug/m3			02/12/26 17:23	1.523
Vinyl chloride	ND		1.9	0.66	ug/m3			02/12/26 17:23	1.523

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*02/12/26 17:23*	*1.523*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/12/26 17:23*	*1.523*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 17:23*	*1.523*

Method: ASTM D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.23**		0.00015	0.000050	% v/v			02/14/26 17:02	1.523

Surrogate Summary

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS)

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
650-4786-1	822-LFGP-5	83	91	99
650-4786-2	822-LFGP-4	83	91	99
650-4786-3	822-LFGP-3	90	95	102
650-4786-4	822-LFGP-2	82	92	100
650-4786-5	822-LFGP-1	82	91	100
650-4786-6	822-LFGP-DUP	82	90	101
650-4786-7	822-LFGP-10	82	92	99
650-4786-8	822-LFGP-9	82	90	101
650-4786-9	822-LFGP-8	82	90	99
650-4786-10	822-LFGP-7	82	95	99
650-4786-11	822-LFGP-6	83	92	99
LCS 650-10410/30	Lab Control Sample	101	101	100
LCS 650-10540/4	Lab Control Sample	79	95	99
LCSD 650-10410/31	Lab Control Sample Dup	84	103	100
LCSD 650-10540/5	Lab Control Sample Dup	79	94	102
MB 650-10410/32	Method Blank	102	102	107
MB 650-10540/6	Method Blank	84	92	99

Surrogate Legend

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

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS)

Lab Sample ID: MB 650-10410/32
Matrix: Air
Analysis Batch: 10410

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 11:17	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			02/11/26 11:17	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 11:17	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 11:17	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 11:17	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			02/11/26 11:17	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 11:17	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			02/11/26 11:17	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 11:17	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 11:17	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			02/11/26 11:17	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 11:17	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			02/11/26 11:17	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 11:17	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 11:17	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			02/11/26 11:17	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			02/11/26 11:17	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			02/11/26 11:17	1
2-Hexanone	ND		8.2	2.7	ug/m3			02/11/26 11:17	1
2-Propanol	ND		4.9	1.6	ug/m3			02/11/26 11:17	1
3-Chloropropene	ND		1.6	0.53	ug/m3			02/11/26 11:17	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			02/11/26 11:17	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			02/11/26 11:17	1
Acetone	ND		12	4.0	ug/m3			02/11/26 11:17	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			02/11/26 11:17	1
Benzene	ND		1.6	0.54	ug/m3			02/11/26 11:17	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			02/11/26 11:17	1
Bromoform	ND		5.2	1.8	ug/m3			02/11/26 11:17	1
Bromomethane	ND		3.9	1.3	ug/m3			02/11/26 11:17	1
Carbon disulfide	ND		6.2	2.1	ug/m3			02/11/26 11:17	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			02/11/26 11:17	1
Chlorobenzene	ND		2.3	0.78	ug/m3			02/11/26 11:17	1
Chloroethane	ND		5.3	1.8	ug/m3			02/11/26 11:17	1
Chloroform	ND		2.4	0.83	ug/m3			02/11/26 11:17	1
Chloromethane	ND		10	3.4	ug/m3			02/11/26 11:17	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 11:17	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 11:17	1
Cumene	ND		2.5	0.84	ug/m3			02/11/26 11:17	1
Cyclohexane	ND		1.7	0.59	ug/m3			02/11/26 11:17	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			02/11/26 11:17	1
Ethanol	ND		9.4	3.1	ug/m3			02/11/26 11:17	1
Ethylbenzene	ND		2.2	0.74	ug/m3			02/11/26 11:17	1
Freon 11	ND		2.8	0.96	ug/m3			02/11/26 11:17	1
Freon 113	ND		3.8	1.3	ug/m3			02/11/26 11:17	1
Freon 12	ND		2.5	0.84	ug/m3			02/11/26 11:17	1
Freon-114	ND		3.5	1.2	ug/m3			02/11/26 11:17	1
Heptane	ND		2.0	0.70	ug/m3			02/11/26 11:17	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			02/11/26 11:17	1

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: MB 650-10410/32
Matrix: Air
Analysis Batch: 10410

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		1.8	0.60	ug/m3			02/11/26 11:17	1
m,p-Xylene	ND		4.3	1.4	ug/m3			02/11/26 11:17	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			02/11/26 11:17	1
Methylene Chloride	ND		3.5	1.1	ug/m3			02/11/26 11:17	1
Naphthalene	ND		5.2	0.89	ug/m3			02/11/26 11:17	1
o-Xylene	ND		2.2	0.74	ug/m3			02/11/26 11:17	1
Propylbenzene	ND		2.5	0.84	ug/m3			02/11/26 11:17	1
Styrene	ND		2.1	0.72	ug/m3			02/11/26 11:17	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			02/11/26 11:17	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			02/11/26 11:17	1
Toluene	ND		3.8	1.2	ug/m3			02/11/26 11:17	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 11:17	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 11:17	1
Trichloroethene	ND		2.7	0.91	ug/m3			02/11/26 11:17	1
Vinyl chloride	ND		1.3	0.43	ug/m3			02/11/26 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/11/26 11:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/11/26 11:17*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*02/11/26 11:17*	*1*

Lab Sample ID: LCS 650-10410/30
Matrix: Air
Analysis Batch: 10410

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	109	106		ug/m3		98	70 - 130
1,1,2,2-Tetrachloroethane	137	133		ug/m3		97	70 - 130
1,1,2-Trichloroethane	109	111		ug/m3		102	70 - 130
1,1-Dichloroethane	80.7	87.0		ug/m3		108	70 - 130
1,1-Dichloroethene	79.1	78.1		ug/m3		99	70 - 130
1,2,4-Trichlorobenzene	166	154		ug/m3		93	70 - 130
1,2,4-Trimethylbenzene	98.1	107		ug/m3		109	70 - 130
1,2-Dibromoethane (EDB)	153	151		ug/m3		99	70 - 130
1,2-Dichlorobenzene	120	136		ug/m3		114	70 - 130
1,2-Dichloroethane	80.7	74.2		ug/m3		92	70 - 130
1,2-Dichloropropane	92.2	77.4		ug/m3		84	70 - 130
1,3,5-Trimethylbenzene	98.1	104		ug/m3		106	70 - 130
1,3-Butadiene	44.1	45.4		ug/m3		103	70 - 130
1,3-Dichlorobenzene	120	137		ug/m3		114	70 - 130
1,4-Dichlorobenzene	120	134		ug/m3		112	70 - 130
1,4-Dioxane	71.9	63.3		ug/m3		88	70 - 130
2,2,4-Trimethylpentane	93.2	79.9		ug/m3		86	70 - 130
2-Butanone (MEK)	58.8	47.9		ug/m3		81	70 - 130
2-Hexanone	81.8	66.5		ug/m3		81	70 - 130
2-Propanol	49.0	45.3		ug/m3		92	70 - 130
3-Chloropropene	62.4	58.9		ug/m3		94	70 - 130
4-Ethyltoluene	98.1	111		ug/m3		113	70 - 130

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: LCS 650-10410/30
Matrix: Air
Analysis Batch: 10410

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	81.7	63.5		ug/m3		78	70 - 130
Acetone	47.4	37.8		ug/m3		80	70 - 130
alpha-Chlorotoluene	103	105		ug/m3		102	70 - 130
Benzene	63.7	60.1		ug/m3		94	70 - 130
Bromodichloromethane	134	125		ug/m3		94	70 - 130
Bromoform	206	227		ug/m3		110	70 - 130
Bromomethane	77.5	84.2		ug/m3		109	70 - 130
Carbon disulfide	62.1	59.1		ug/m3		95	70 - 130
Carbon tetrachloride	125	120		ug/m3		95	70 - 130
Chlorobenzene	91.8	83.8		ug/m3		91	70 - 130
Chloroethane	52.6	54.6		ug/m3		104	70 - 130
Chloroform	97.4	85.1		ug/m3		87	70 - 130
Chloromethane	41.2	41.6		ug/m3		101	70 - 130
cis-1,2-Dichloroethene	79.1	71.8		ug/m3		91	70 - 130
cis-1,3-Dichloropropene	90.5	84.0		ug/m3		93	70 - 130
Cumene	98.1	84.2		ug/m3		86	70 - 130
Cyclohexane	68.7	58.7		ug/m3		85	70 - 130
Dibromochloromethane	170	169		ug/m3		100	70 - 130
Ethanol	44.4	35.1		ug/m3		79	70 - 130
Ethylbenzene	86.6	77.0		ug/m3		89	70 - 130
Freon 11	112	120		ug/m3		107	70 - 130
Freon 113	153	168		ug/m3		110	70 - 130
Freon 12	98.7	111		ug/m3		112	70 - 130
Freon-114	139	163		ug/m3		117	70 - 130
Heptane	81.8	76.7		ug/m3		94	70 - 130
Hexachlorobutadiene	236	206		ug/m3		87	70 - 130
Hexane	70.3	61.9		ug/m3		88	70 - 130
m,p-Xylene	86.6	81.8		ug/m3		94	70 - 130
Methyl tert-butyl ether	71.9	58.7		ug/m3		82	70 - 130
Methylene Chloride	69.3	62.9		ug/m3		91	70 - 130
Naphthalene	10.5	10.2		ug/m3		98	60 - 140
o-Xylene	86.6	75.7		ug/m3		87	70 - 130
Propylbenzene	98.1	107		ug/m3		109	70 - 130
Styrene	85.0	91.0		ug/m3		107	70 - 130
Tetrachloroethene	135	134		ug/m3		99	70 - 130
Tetrahydrofuran	58.8	49.1		ug/m3		83	70 - 130
Toluene	75.2	67.3		ug/m3		89	70 - 130
trans-1,2-Dichloroethene	79.1	74.1		ug/m3		94	70 - 130
trans-1,3-Dichloropropene	90.5	78.4		ug/m3		87	70 - 130
Trichloroethene	107	90.7		ug/m3		85	70 - 130
Vinyl chloride	51.0	53.1		ug/m3		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: LCSD 650-10410/31
Matrix: Air
Analysis Batch: 10410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			109	95.2		ug/m3		87	70 - 130	11	25
1,1,2,2-Tetrachloroethane			137	137		ug/m3		100	70 - 130	3	25
1,1,2-Trichloroethane			109	112		ug/m3		103	70 - 130	1	25
1,1-Dichloroethane			80.7	79.0		ug/m3		98	70 - 130	10	25
1,1-Dichloroethene			79.1	82.7		ug/m3		104	70 - 130	6	25
1,2,4-Trichlorobenzene			166	162		ug/m3		98	70 - 130	5	25
1,2,4-Trimethylbenzene			98.1	108		ug/m3		110	70 - 130	1	25
1,2-Dibromoethane (EDB)			153	152		ug/m3		99	70 - 130	0	25
1,2-Dichlorobenzene			120	140		ug/m3		117	70 - 130	3	25
1,2-Dichloroethane			80.7	63.5		ug/m3		79	70 - 130	15	25
1,2-Dichloropropane			92.2	79.8		ug/m3		87	70 - 130	3	25
1,3,5-Trimethylbenzene			98.1	104		ug/m3		106	70 - 130	1	25
1,3-Butadiene			44.1	45.1		ug/m3		102	70 - 130	1	25
1,3-Dichlorobenzene			120	139		ug/m3		116	70 - 130	2	25
1,4-Dichlorobenzene			120	135		ug/m3		113	70 - 130	1	25
1,4-Dioxane			71.9	65.9		ug/m3		92	70 - 130	4	25
2,2,4-Trimethylpentane			93.2	74.4		ug/m3		80	70 - 130	7	25
2-Butanone (MEK)			58.8	49.7		ug/m3		85	70 - 130	4	25
2-Hexanone			81.8	70.2		ug/m3		86	70 - 130	5	25
2-Propanol			49.0	40.4		ug/m3		82	70 - 130	11	25
3-Chloropropene			62.4	59.3		ug/m3		95	70 - 130	1	25
4-Ethyltoluene			98.1	115		ug/m3		117	70 - 130	3	25
4-Methyl-2-pentanone (MIBK)			81.7	64.9		ug/m3		79	70 - 130	2	25
Acetone			47.4	36.4		ug/m3		77	70 - 130	4	25
alpha-Chlorotoluene			103	108		ug/m3		105	70 - 130	3	25
Benzene			63.7	57.8		ug/m3		91	70 - 130	4	25
Bromodichloromethane			134	128		ug/m3		95	70 - 130	2	25
Bromoform			206	235		ug/m3		114	70 - 130	3	25
Bromomethane			77.5	90.4		ug/m3		117	70 - 130	7	25
Carbon disulfide			62.1	58.1		ug/m3		94	70 - 130	2	25
Carbon tetrachloride			125	112		ug/m3		90	70 - 130	6	25
Chlorobenzene			91.8	84.8		ug/m3		92	70 - 130	1	25
Chloroethane			52.6	55.5		ug/m3		105	70 - 130	2	25
Chloroform			97.4	78.9		ug/m3		81	70 - 130	8	25
Chloromethane			41.2	48.3		ug/m3		117	70 - 130	15	25
cis-1,2-Dichloroethene			79.1	77.8		ug/m3		98	70 - 130	8	25
cis-1,3-Dichloropropene			90.5	87.2		ug/m3		96	70 - 130	4	25
Cumene			98.1	85.0		ug/m3		87	70 - 130	1	25
Cyclohexane			68.7	55.8		ug/m3		81	70 - 130	5	25
Dibromochloromethane			170	173		ug/m3		102	70 - 130	2	25
Ethanol			44.4	31.4		ug/m3		71	70 - 130	11	25
Ethylbenzene			86.6	78.0		ug/m3		90	70 - 130	1	25
Freon 11			112	111		ug/m3		99	70 - 130	8	25
Freon 113			153	164		ug/m3		107	70 - 130	2	25
Freon 12			98.7	109		ug/m3		111	70 - 130	1	25
Freon-114			139	151		ug/m3		108	70 - 130	8	25
Heptane			81.8	72.9		ug/m3		89	70 - 130	5	25
Hexachlorobutadiene			236	216		ug/m3		92	70 - 130	5	25

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: LCSD 650-10410/31
Matrix: Air
Analysis Batch: 10410

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
Hexane			70.3	58.7		ug/m3		83	70 - 130	5	25
m,p-Xylene			86.6	82.5		ug/m3		95	70 - 130	1	25
Methyl tert-butyl ether			71.9	54.9		ug/m3		76	70 - 130	7	25
Methylene Chloride			69.3	55.7		ug/m3		80	70 - 130	12	25
Naphthalene			10.5	10.7		ug/m3		102	60 - 140	5	25
o-Xylene			86.6	77.6		ug/m3		90	70 - 130	2	25
Propylbenzene			98.1	108		ug/m3		111	70 - 130	1	25
Styrene			85.0	92.0		ug/m3		108	70 - 130	1	25
Tetrachloroethene			135	137		ug/m3		101	70 - 130	2	25
Tetrahydrofuran			58.8	44.4		ug/m3		76	70 - 130	10	25
Toluene			75.2	68.1		ug/m3		91	70 - 130	1	25
trans-1,2-Dichloroethene			79.1	77.6		ug/m3		98	70 - 130	5	25
trans-1,3-Dichloropropene			90.5	81.4		ug/m3		90	70 - 130	4	25
Trichloroethene			107	91.0		ug/m3		85	70 - 130	0	25
Vinyl chloride			51.0	59.0		ug/m3		116	70 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 650-10540/6
Matrix: Air
Analysis Batch: 10540

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.93	ug/m3			02/12/26 11:19	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			02/12/26 11:19	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			02/12/26 11:19	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			02/12/26 11:19	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			02/12/26 11:19	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			02/12/26 11:19	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/12/26 11:19	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			02/12/26 11:19	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/12/26 11:19	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			02/12/26 11:19	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			02/12/26 11:19	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/12/26 11:19	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			02/12/26 11:19	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/12/26 11:19	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/12/26 11:19	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			02/12/26 11:19	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			02/12/26 11:19	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			02/12/26 11:19	1
2-Hexanone	ND		8.2	2.7	ug/m3			02/12/26 11:19	1
2-Propanol	ND		4.9	1.6	ug/m3			02/12/26 11:19	1
3-Chloropropene	ND		1.6	0.53	ug/m3			02/12/26 11:19	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			02/12/26 11:19	1

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: MB 650-10540/6
Matrix: Air
Analysis Batch: 10540

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			02/12/26 11:19	1
Acetone	ND		12	4.0	ug/m3			02/12/26 11:19	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			02/12/26 11:19	1
Benzene	ND		1.6	0.54	ug/m3			02/12/26 11:19	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			02/12/26 11:19	1
Bromoform	ND		5.2	1.8	ug/m3			02/12/26 11:19	1
Bromomethane	ND		3.9	1.3	ug/m3			02/12/26 11:19	1
Carbon disulfide	ND		6.2	2.1	ug/m3			02/12/26 11:19	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			02/12/26 11:19	1
Chlorobenzene	ND		2.3	0.78	ug/m3			02/12/26 11:19	1
Chloroethane	ND		5.3	1.8	ug/m3			02/12/26 11:19	1
Chloroform	ND		2.4	0.83	ug/m3			02/12/26 11:19	1
Chloromethane	ND		10	3.4	ug/m3			02/12/26 11:19	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/12/26 11:19	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/12/26 11:19	1
Cumene	ND		2.5	0.84	ug/m3			02/12/26 11:19	1
Cyclohexane	ND		1.7	0.59	ug/m3			02/12/26 11:19	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			02/12/26 11:19	1
Ethanol	ND		9.4	3.1	ug/m3			02/12/26 11:19	1
Ethylbenzene	ND		2.2	0.74	ug/m3			02/12/26 11:19	1
Freon 11	ND		2.8	0.96	ug/m3			02/12/26 11:19	1
Freon 113	ND		3.8	1.3	ug/m3			02/12/26 11:19	1
Freon 12	ND		2.5	0.84	ug/m3			02/12/26 11:19	1
Freon-114	ND		3.5	1.2	ug/m3			02/12/26 11:19	1
Heptane	ND		2.0	0.70	ug/m3			02/12/26 11:19	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			02/12/26 11:19	1
Hexane	ND		1.8	0.60	ug/m3			02/12/26 11:19	1
m,p-Xylene	ND		4.3	1.4	ug/m3			02/12/26 11:19	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			02/12/26 11:19	1
Methylene Chloride	ND		3.5	1.1	ug/m3			02/12/26 11:19	1
Naphthalene	ND		5.2	0.89	ug/m3			02/12/26 11:19	1
o-Xylene	ND		2.2	0.74	ug/m3			02/12/26 11:19	1
Propylbenzene	ND		2.5	0.84	ug/m3			02/12/26 11:19	1
Styrene	ND		2.1	0.72	ug/m3			02/12/26 11:19	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			02/12/26 11:19	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			02/12/26 11:19	1
Toluene	ND		3.8	1.2	ug/m3			02/12/26 11:19	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/12/26 11:19	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/12/26 11:19	1
Trichloroethene	ND		2.7	0.91	ug/m3			02/12/26 11:19	1
Vinyl chloride	ND		1.3	0.43	ug/m3			02/12/26 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*02/12/26 11:19*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/12/26 11:19*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 11:19*	*1*

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: LCS 650-10540/4
Matrix: Air
Analysis Batch: 10540

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	109	93.5		ug/m3		86	70 - 130
1,1,2,2-Tetrachloroethane	137	132		ug/m3		97	70 - 130
1,1,2-Trichloroethane	109	112		ug/m3		103	70 - 130
1,1-Dichloroethane	80.7	74.6		ug/m3		92	70 - 130
1,1-Dichloroethene	79.1	81.5		ug/m3		103	70 - 130
1,2,4-Trichlorobenzene	166	146		ug/m3		88	70 - 130
1,2,4-Trimethylbenzene	98.1	104		ug/m3		106	70 - 130
1,2-Dibromoethane (EDB)	153	154		ug/m3		100	70 - 130
1,2-Dichlorobenzene	120	127		ug/m3		106	70 - 130
1,2-Dichloroethane	80.7	58.5		ug/m3		73	70 - 130
1,2-Dichloropropane	92.2	75.9		ug/m3		82	70 - 130
1,3,5-Trimethylbenzene	98.1	102		ug/m3		104	70 - 130
1,3-Butadiene	44.1	43.7		ug/m3		99	70 - 130
1,3-Dichlorobenzene	120	130		ug/m3		108	70 - 130
1,4-Dichlorobenzene	120	127		ug/m3		106	70 - 130
1,4-Dioxane	71.9	65.2		ug/m3		91	70 - 130
2,2,4-Trimethylpentane	93.2	73.4		ug/m3		79	70 - 130
2-Butanone (MEK)	58.8	47.2		ug/m3		80	70 - 130
2-Hexanone	81.8	68.1		ug/m3		83	70 - 130
2-Propanol	49.0	40.4		ug/m3		82	70 - 130
3-Chloropropene	62.4	59.0		ug/m3		95	70 - 130
4-Ethyltoluene	98.1	106		ug/m3		108	70 - 130
4-Methyl-2-pentanone (MIBK)	81.7	63.0		ug/m3		77	70 - 130
Acetone	47.4	35.0		ug/m3		74	70 - 130
alpha-Chlorotoluene	103	104		ug/m3		100	70 - 130
Benzene	63.7	56.9		ug/m3		89	70 - 130
Bromodichloromethane	134	124		ug/m3		93	70 - 130
Bromoform	206	207		ug/m3		100	70 - 130
Bromomethane	77.5	88.2		ug/m3		114	70 - 130
Carbon disulfide	62.1	57.3		ug/m3		92	70 - 130
Carbon tetrachloride	125	108		ug/m3		86	70 - 130
Chlorobenzene	91.8	82.9		ug/m3		90	70 - 130
Chloroethane	52.6	54.6		ug/m3		104	70 - 130
Chloroform	97.4	72.7		ug/m3		75	70 - 130
Chloromethane	41.2	47.4		ug/m3		115	70 - 130
cis-1,2-Dichloroethene	79.1	75.3		ug/m3		95	70 - 130
cis-1,3-Dichloropropene	90.5	81.8		ug/m3		90	70 - 130
Cumene	98.1	84.9		ug/m3		87	70 - 130
Cyclohexane	68.7	55.8		ug/m3		81	70 - 130
Dibromochloromethane	170	166		ug/m3		98	70 - 130
Ethanol	44.4	30.9		ug/m3		70	70 - 130
Ethylbenzene	86.6	78.0		ug/m3		90	70 - 130
Freon 11	112	106		ug/m3		95	70 - 130
Freon 113	153	155		ug/m3		102	70 - 130
Freon 12	98.7	105		ug/m3		106	70 - 130
Freon-114	139	142		ug/m3		102	70 - 130
Heptane	81.8	69.6		ug/m3		85	70 - 130
Hexachlorobutadiene	236	201		ug/m3		85	70 - 130

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: LCS 650-10540/4
Matrix: Air
Analysis Batch: 10540

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	70.3	56.9		ug/m3		81	70 - 130
m,p-Xylene	86.6	82.0		ug/m3		95	70 - 130
Methyl tert-butyl ether	71.9	53.0		ug/m3		74	70 - 130
Methylene Chloride	69.3	54.2		ug/m3		78	70 - 130
Naphthalene	10.5	10.1		ug/m3		97	60 - 140
o-Xylene	86.6	76.9		ug/m3		89	70 - 130
Propylbenzene	98.1	105		ug/m3		108	70 - 130
Styrene	85.0	91.6		ug/m3		108	70 - 130
Tetrachloroethene	135	124		ug/m3		92	70 - 130
Tetrahydrofuran	58.8	44.3		ug/m3		75	70 - 130
Toluene	75.2	66.8		ug/m3		89	70 - 130
trans-1,2-Dichloroethene	79.1	76.1		ug/m3		96	70 - 130
trans-1,3-Dichloropropene	90.5	77.3		ug/m3		85	70 - 130
Trichloroethene	107	89.6		ug/m3		84	70 - 130
Vinyl chloride	51.0	57.6		ug/m3		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 650-10540/5
Matrix: Air
Analysis Batch: 10540

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	109	93.8		ug/m3		86	70 - 130	0	25
1,1,2,2-Tetrachloroethane	137	135		ug/m3		99	70 - 130	2	25
1,1,2-Trichloroethane	109	113		ug/m3		104	70 - 130	1	25
1,1-Dichloroethane	80.7	76.3		ug/m3		95	70 - 130	2	25
1,1-Dichloroethene	79.1	81.9		ug/m3		104	70 - 130	0	25
1,2,4-Trichlorobenzene	166	148		ug/m3		89	70 - 130	2	25
1,2,4-Trimethylbenzene	98.1	105		ug/m3		107	70 - 130	1	25
1,2-Dibromoethane (EDB)	153	156		ug/m3		102	70 - 130	2	25
1,2-Dichlorobenzene	120	128		ug/m3		107	70 - 130	1	25
1,2-Dichloroethane	80.7	58.7		ug/m3		73	70 - 130	0	25
1,2-Dichloropropane	92.2	78.6		ug/m3		85	70 - 130	3	25
1,3,5-Trimethylbenzene	98.1	102		ug/m3		104	70 - 130	0	25
1,3-Butadiene	44.1	47.2		ug/m3		107	70 - 130	8	25
1,3-Dichlorobenzene	120	129		ug/m3		107	70 - 130	1	25
1,4-Dichlorobenzene	120	127		ug/m3		106	70 - 130	0	25
1,4-Dioxane	71.9	67.4		ug/m3		94	70 - 130	3	25
2,2,4-Trimethylpentane	93.2	74.7		ug/m3		80	70 - 130	2	25
2-Butanone (MEK)	58.8	49.2		ug/m3		84	70 - 130	4	25
2-Hexanone	81.8	69.0		ug/m3		84	70 - 130	1	25
2-Propanol	49.0	42.5		ug/m3		87	70 - 130	5	25
3-Chloropropene	62.4	57.0		ug/m3		91	70 - 130	3	25
4-Ethyltoluene	98.1	106		ug/m3		108	70 - 130	0	25

Method: TO-15 - Volatile Organic Compounds in Air (GC/MS) (Continued)

Lab Sample ID: LCSD 650-10540/5
Matrix: Air
Analysis Batch: 10540

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
4-Methyl-2-pentanone (MIBK)			81.7	64.5		ug/m3		79	70 - 130	2	25
Acetone			47.4	36.5		ug/m3		77	70 - 130	4	25
alpha-Chlorotoluene			103	105		ug/m3		102	70 - 130	2	25
Benzene			63.7	57.6		ug/m3		90	70 - 130	1	25
Bromodichloromethane			134	125		ug/m3		94	70 - 130	1	25
Bromoform			206	209		ug/m3		101	70 - 130	1	25
Bromomethane			77.5	90.3		ug/m3		117	70 - 130	2	25
Carbon disulfide			62.1	56.0		ug/m3		90	70 - 130	2	25
Carbon tetrachloride			125	108		ug/m3		86	70 - 130	0	25
Chlorobenzene			91.8	83.8		ug/m3		91	70 - 130	1	25
Chloroethane			52.6	55.6		ug/m3		106	70 - 130	2	25
Chloroform			97.4	73.5		ug/m3		75	70 - 130	1	25
Chloromethane			41.2	49.9		ug/m3		121	70 - 130	5	25
cis-1,2-Dichloroethene			79.1	76.4		ug/m3		97	70 - 130	1	25
cis-1,3-Dichloropropene			90.5	83.8		ug/m3		93	70 - 130	2	25
Cumene			98.1	85.7		ug/m3		87	70 - 130	1	25
Cyclohexane			68.7	55.7		ug/m3		81	70 - 130	0	25
Dibromochloromethane			170	167		ug/m3		98	70 - 130	0	25
Ethanol			44.4	32.3		ug/m3		73	70 - 130	4	25
Ethylbenzene			86.6	78.9		ug/m3		91	70 - 130	1	25
Freon 11			112	110		ug/m3		98	70 - 130	3	25
Freon 113			153	160		ug/m3		104	70 - 130	3	25
Freon 12			98.7	111		ug/m3		113	70 - 130	6	25
Freon-114			139	154		ug/m3		111	70 - 130	8	25
Heptane			81.8	71.0		ug/m3		87	70 - 130	2	25
Hexachlorobutadiene			236	202		ug/m3		86	70 - 130	1	25
Hexane			70.3	57.6		ug/m3		82	70 - 130	1	25
m,p-Xylene			86.6	82.4		ug/m3		95	70 - 130	0	25
Methyl tert-butyl ether			71.9	54.2		ug/m3		75	70 - 130	2	25
Methylene Chloride			69.3	55.5		ug/m3		80	70 - 130	2	25
Naphthalene			10.5	10.3		ug/m3		99	60 - 140	2	25
o-Xylene			86.6	77.8		ug/m3		90	70 - 130	1	25
Propylbenzene			98.1	105		ug/m3		107	70 - 130	1	25
Styrene			85.0	91.7		ug/m3		108	70 - 130	0	25
Tetrachloroethene			135	124		ug/m3		91	70 - 130	0	25
Tetrahydrofuran			58.8	45.5		ug/m3		77	70 - 130	3	25
Toluene			75.2	67.3		ug/m3		90	70 - 130	1	25
trans-1,2-Dichloroethene			79.1	76.5		ug/m3		97	70 - 130	1	25
trans-1,3-Dichloropropene			90.5	77.7		ug/m3		86	70 - 130	0	25
Trichloroethene			107	93.2		ug/m3		87	70 - 130	4	25
Vinyl chloride			51.0	59.5		ug/m3		117	70 - 130	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Lab Sample ID: MB 650-10748/4
Matrix: Air
Analysis Batch: 10748

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			02/13/26 19:07	1

Lab Sample ID: LCS 650-10748/2
Matrix: Air
Analysis Batch: 10748

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	5.11	4.92		% v/v		96	85 - 115

Lab Sample ID: LCSD 650-10748/25
Matrix: Air
Analysis Batch: 10748

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
Methane	5.11	4.90		% v/v		96	85 - 115	0	25

Lab Sample ID: MB 650-10785/25
Matrix: Air
Analysis Batch: 10785

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			02/14/26 14:13	1

Lab Sample ID: LCS 650-10785/2
Matrix: Air
Analysis Batch: 10785

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	4.54	4.05		% v/v		89	85 - 115

Lab Sample ID: LCSD 650-10785/3
Matrix: Air
Analysis Batch: 10785

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
Methane	4.54	4.03		% v/v		89	85 - 115	1	25

Lab Sample ID: MB 650-11685/4
Matrix: Air
Analysis Batch: 11685

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			02/24/26 21:12	1

Lab Sample ID: LCS 650-11685/2
Matrix: Air
Analysis Batch: 11685

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	5.11	4.87		% v/v		95	85 - 115

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Method: D1946 - Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD

Lab Sample ID: LCSD 650-11685/25
Matrix: Air
Analysis Batch: 11685

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
Methane			5.11	4.87		% v/v		95	85 - 115	0	25

QC Association Summary

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Air - GC/MS VOA

Analysis Batch: 10410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4786-2	822-LFGP-4	Total/NA	Air	TO-15	
650-4786-3	822-LFGP-3	Total/NA	Air	TO-15	
MB 650-10410/32	Method Blank	Total/NA	Air	TO-15	
LCS 650-10410/30	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-10410/31	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 10540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4786-1	822-LFGP-5	Total/NA	Air	TO-15	
650-4786-4	822-LFGP-2	Total/NA	Air	TO-15	
650-4786-5	822-LFGP-1	Total/NA	Air	TO-15	
650-4786-6	822-LFGP-DUP	Total/NA	Air	TO-15	
650-4786-7	822-LFGP-10	Total/NA	Air	TO-15	
650-4786-8	822-LFGP-9	Total/NA	Air	TO-15	
650-4786-9	822-LFGP-8	Total/NA	Air	TO-15	
650-4786-10	822-LFGP-7	Total/NA	Air	TO-15	
650-4786-11	822-LFGP-6	Total/NA	Air	TO-15	
MB 650-10540/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-10540/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-10540/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 10748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4786-1	822-LFGP-5	Total/NA	Air	D1946	
650-4786-2	822-LFGP-4	Total/NA	Air	D1946	
650-4786-3	822-LFGP-3	Total/NA	Air	D1946	
650-4786-4	822-LFGP-2	Total/NA	Air	D1946	
MB 650-10748/4	Method Blank	Total/NA	Air	D1946	
LCS 650-10748/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-10748/25	Lab Control Sample Dup	Total/NA	Air	D1946	

Analysis Batch: 10785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4786-6	822-LFGP-DUP	Total/NA	Air	D1946	
650-4786-7	822-LFGP-10	Total/NA	Air	D1946	
650-4786-8	822-LFGP-9	Total/NA	Air	D1946	
650-4786-9	822-LFGP-8	Total/NA	Air	D1946	
650-4786-10	822-LFGP-7	Total/NA	Air	D1946	
650-4786-11	822-LFGP-6	Total/NA	Air	D1946	
MB 650-10785/25	Method Blank	Total/NA	Air	D1946	
LCS 650-10785/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-10785/3	Lab Control Sample Dup	Total/NA	Air	D1946	

Analysis Batch: 11685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4786-5	822-LFGP-1	Total/NA	Air	D1946	
MB 650-11685/4	Method Blank	Total/NA	Air	D1946	
LCS 650-11685/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-11685/25	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

Client: S&ME Inc
Job ID: 650-4786-1
Project/Site: Durham Parks

Client Sample ID: 822-LFGP-5
Lab Sample ID: 650-4786-1
Date Collected: 01/20/26 12:13
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.456	10540	AA	Air Toxics	02/12/26 13:45
Total/NA	Analysis	D1946		1.456	10748	JW	Air Toxics	02/13/26 19:30

Client Sample ID: 822-LFGP-4
Lab Sample ID: 650-4786-2
Date Collected: 01/20/26 12:29
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.482	10410	MS	Air Toxics	02/11/26 23:47
Total/NA	Analysis	D1946		1.482	10748	JW	Air Toxics	02/13/26 19:53

Client Sample ID: 822-LFGP-3
Lab Sample ID: 650-4786-3
Date Collected: 01/20/26 12:43
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.495	10410	MS	Air Toxics	02/12/26 00:14
Total/NA	Analysis	D1946		1.495	10748	JW	Air Toxics	02/14/26 06:47

Client Sample ID: 822-LFGP-2
Lab Sample ID: 650-4786-4
Date Collected: 01/20/26 13:21
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.443	10540	AA	Air Toxics	02/12/26 14:13
Total/NA	Analysis	D1946		1.443	10748	JW	Air Toxics	02/14/26 07:08

Client Sample ID: 822-LFGP-1
Lab Sample ID: 650-4786-5
Date Collected: 01/20/26 13:36
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.627	10540	AA	Air Toxics	02/12/26 14:40
Total/NA	Analysis	D1946		1.627	11685	JW	Air Toxics	02/24/26 21:40

Client Sample ID: 822-LFGP-DUP
Lab Sample ID: 650-4786-6
Date Collected: 01/20/26 13:36
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.747	10540	AA	Air Toxics	02/12/26 15:07
Total/NA	Analysis	D1946		1.747	10785	JW	Air Toxics	02/14/26 15:02

Lab Chronicle

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Client Sample ID: 822-LFGP-10
Date Collected: 01/20/26 11:28
Date Received: 01/30/26 11:02

Lab Sample ID: 650-4786-7
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.66	10540	AA	Air Toxics	02/12/26 15:35
Total/NA	Analysis	D1946		1.66	10785	JW	Air Toxics	02/14/26 15:26

Client Sample ID: 822-LFGP-9
Date Collected: 01/20/26 11:07
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4786-8
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.596	10540	AA	Air Toxics	02/12/26 16:02
Total/NA	Analysis	D1946		1.596	10785	JW	Air Toxics	02/14/26 15:50

Client Sample ID: 822-LFGP-8
Date Collected: 01/20/26 10:37
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4786-9
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.676	10540	AA	Air Toxics	02/12/26 16:29
Total/NA	Analysis	D1946		1.676	10785	JW	Air Toxics	02/14/26 16:13

Client Sample ID: 822-LFGP-7
Date Collected: 01/20/26 10:32
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4786-10
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.352	10540	AA	Air Toxics	02/12/26 16:56
Total/NA	Analysis	D1946		1.352	10785	JW	Air Toxics	02/14/26 16:37

Client Sample ID: 822-LFGP-6
Date Collected: 01/20/26 10:16
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4786-11
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.523	10540	AA	Air Toxics	02/12/26 17:23
Total/NA	Analysis	D1946		1.523	10785	JW	Air Toxics	02/14/26 17:02

Laboratory References:

Air Toxics = Eurofins Environment Testing Northern California, Air Toxics, 180 BLUE RAVINE ROAD, SUITE B, Folsom, CA 95630, TEL (916)985-1000

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 650-4786-1
Project/Site: Durham Parks

Laboratory: Eurofins Environment Testing Northern California, Air Toxics

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	CA300005	10-17-26

Method Summary

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Air (GC/MS)	EPA	Air Toxics
D1946	Fixed Gases and Light Hydrocarbons in Air by GC/FID/TCD	ASTM	Air Toxics

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

Air Toxics = Eurofins Environment Testing Northern California, Air Toxics, 180 BLUE RAVINE ROAD, SUITE B, Folsom, CA 95630, TEL (916)985-1000

Sample Summary

Client: S&ME Inc
Project/Site: Durham Parks

Job ID: 650-4786-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-4786-1	822-LFGP-5	Air	01/20/26 12:13	01/30/26 11:02	Air Canister (6-Liter) #6L0991
650-4786-2	822-LFGP-4	Air	01/20/26 12:29	01/29/26 10:55	Air Canister (6-Liter) #6L1034
650-4786-3	822-LFGP-3	Air	01/20/26 12:43	01/29/26 10:55	Air Canister (6-Liter) #6L0638
650-4786-4	822-LFGP-2	Air	01/20/26 13:21	01/29/26 10:55	Air Canister (6-Liter) #6L0142
650-4786-5	822-LFGP-1	Air	01/20/26 13:36	01/29/26 10:55	Air Canister (6-Liter) #9288
650-4786-6	822-LFGP-DUP	Air	01/20/26 13:36	01/29/26 10:55	Air Canister (6-Liter) #6L0696
650-4786-7	822-LFGP-10	Air	01/20/26 11:28	01/30/26 11:02	Air Canister (6-Liter) #6L0476
650-4786-8	822-LFGP-9	Air	01/20/26 11:07	01/29/26 10:55	Air Canister (6-Liter) #6L1088
650-4786-9	822-LFGP-8	Air	01/20/26 10:37	01/29/26 10:55	Air Canister (6-Liter) #6L0931
650-4786-10	822-LFGP-7	Air	01/20/26 10:32	01/29/26 10:55	Air Canister (6-Liter) #6L3646
650-4786-11	822-LFGP-6	Air	01/20/26 10:16	01/29/26 10:55	Air Canister (6-Liter) #6L4255

Eurofins Air Toxics
180 BLUE RAVINE ROAD, SUITE B
Folsom, CA 95630
Phone 916-985-1000 Fax: 916-985-1020

Canister Samples Chain of Custody Record

650-4786 COC

eurofins | Environment Testing

2/26/2026

Client Contact Information	**Client Project Manager: Whittaker, Brian**	**Samples Collected By:** Logan Hester
Company Name. S&ME Inc	**Phone: 916-605-3355**	COC No: 650-2117-437.1
Address: 3201 Spring Forest Road	**Email: Brian.Whittaker@et.eurofinsus.com**	Page 1 of 1
City/State/Zip. Raleigh NC, 27616		**State of origin:** NC
Phone: 919-872-2660	**Site Contact: Jerry Paul**	**For Lab Use Only:**
Project Number: 65000581	**Tel/Fax: 916-985-1000/**	Walk-in Client:
Project Name: Durham Parks	**Anaylsis Turnaround Time**	Lab Sampling
Site/Location Lyon Park (822)	Standard (Specific): X	Job / SDG No
P O #: Purchase Order not required	Rush (Specifiy):	(See below for Add'l Items)
		Samples received after 3:00PM PST are considered to be received on the following workday

Lab ID	Sample Identification	Sample Start		Sample Finish		Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	D1946 - (MOD) CH4 only	TO15_STD - (MOD) TO-15 + Naph			Sample Type	IA=Indoor Air, AA=Ambient Air	SS=Sub-Slab, Soil Vapor Extraction (SVE)	Other (Please specify)	Sample Specific Notes (including duplicate tees, gauges, and other miscellaneous barcoded equipment used):
		Sample Date(s)	Time Start (24hr)	Sample Date(s)	Time Finish (24hr)													
01A	822-LF6P-5	1-20-26	1111	1-20-26	1213	30	10	23484	620991	X	X							
02A	822-LF6P-4	1-20-26	1129	1-20-26	1229	30	9	24007	6L1034	X	X							
03A	822-LF6P-3	1-20-26	1143	1-20-26	1243	30	7	24906	620638	X	X							
04A	822-LF6P-2	1-20-26	1221	1-20-26	1321	30	9	28209	620142	X	X							
05A	822-LF6P-1	1-20-26	1245	1-20-26	1336	30	6	24225	9288	X	X							
06A	822-LF6P-DUP	1-20-26	1245	1-20-26	1336	30	5	23310	6L0696	X	X							
07A	822-LF6P-10	1-20-26	1035	1-20-26	1128	30	5	24265	6L0476	X	X							
08A	822-LF6P-9	1-20-26	1012	1-20-26	1107	30	4	25209	6L1088	X	X							
09A	822-LF6P-8	1-20-26	0950	1-20-26	1037	30	4	23566	6L0931	X	X							
10A	822-LF6P-7	1-20-26	0931	1-20-26	1032	30	5	23824	6L3646	X	X							
11A	822-LF6P-6	1-20-26	0916	1-20-26	1016	30	7	23977	6L4225	X	X							
~~12A~~	~~w2/26~~																	

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Fedex	**Date / Time:**	**Samples Received by:**
Samples Relinquished by:	**Date / Time:** 1/27/26 1230	**Received by:** 1/30/26 1152
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:** Fed Ex	**Custody Seals Intact?:** Yes No (None)	**Condition:**

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-4786-1

Login Number: 4786
List Number: 1
Creator: Lachappelle, Loren

List Source: Eurofins Environment Testing Northern California, Air Toxics

Question	Answer	Comment
COC is present.	True	
COC is filled out in Ink or pre-printed and legible	True	
COC is filled out with all the pertinent information	True	
Canisters are not damaged.	True	
Canister valves are closed.	True	
Client requests on COC have been followed.	True	
"Sticky Notes" from the project were read and followed.	True	
All necessary tags have been attached to samples (DO NOT CLEAN, etc.)	True	
Project "other charges" added as needed.	True	
All NCM items have been narrated.	True	
The COC paperwork has been scanned and properly attached to Job.	True	
Sample Confirmation sent after Login review completed.	True	
Verify Sample ID's aginst Chain of custody.	True	
Verify Sample labels against Canister asset ID.	True	
Email sent for Expiring samples.	N/A	
Notified Lab of quick TAT samples.	N/A	

EMSL Analytical, Inc.

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

EMSL Order ID: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AE06783-01	822-LFGP-1	Air	01/20/2026	01/21/2026
AE06783-02	822-LFGP-2	Air	01/20/2026	01/21/2026
AE06783-03	822-LFGP-3	Air	01/20/2026	01/21/2026
AE06783-04	822-LFGP-4	Air	01/20/2026	01/21/2026
AE06783-05	822-LFGP-5	Air	01/20/2026	01/21/2026
AE06783-06	822-LFGP-6	Air	01/20/2026	01/21/2026
AE06783-07	822-LFGP-7	Air	01/20/2026	01/21/2026
AE06783-08	822-LFGP-8	Air	01/20/2026	01/21/2026
AE06783-09	822-LFGP-9	Air	01/20/2026	01/21/2026
AE06783-10	822-LFGP-10	Air	01/20/2026	01/21/2026
AE06783-11	822-LFGP-DUP	Air	01/20/2026	01/21/2026

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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

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	Dilution
AE06783-01	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-02	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-03	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-04	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-05	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-06	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-07	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-08	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-09	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-10	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AE06783-11	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.

EMSL Analytical, Inc.

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

EMSL Order ID: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

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

Sample Duplicate:
All acceptance criteria were met.

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-01
Customer Sample ID: 822-LFGP-1
Collected: 01/20/2026 15:20
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 12:14	BEA2187	R1829.D	822-LFGP-1	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	01/21/26 12:14	
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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-02
Customer Sample ID: 822-LFGP-2
Collected: 01/20/2026 15:15
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 12:28	BEA2187	R1830.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	01/21/26 12:28	
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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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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-03
Customer Sample ID: 822-LFGP-3
Collected: 01/20/2026 15:10
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 12:41	BEA2187	R1831.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	01/21/26 12:41	
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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-04
Customer Sample ID: 822-LFGP-4
Collected: 01/20/2026 15:05
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 12:55	BEA2187	R1832.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	01/21/26 12:55	
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

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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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-05
Customer Sample ID: 822-LFGP-5
Collected: 01/20/2026 15:00
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 13:09	BEA2187	R1833.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	01/21/26 13:09	
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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-06
Customer Sample ID: 822-LFGP-6
Collected: 01/20/2026 14:22
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 13:22	BEA2187	R1834.D	822-LFGP-6	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	01/21/26 13:22	
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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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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-07
Customer Sample ID: 822-LFGP-7
Collected: 01/20/2026 14:00
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 13:36	BEA2187	R1835.D	822-LFGP-7	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	01/21/26 13:36	
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

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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-08
Customer Sample ID: 822-LFGP-8
Collected: 01/20/2026 14:15
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 13:50	BEA2187	R1836.D	822-LFGP-8	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	01/21/26 13:50	
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

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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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-09
Customer Sample ID: 822-LFGP-9
Collected: 01/20/2026 14:10
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 14:03	BEA2187	R1837.D	822-LFGP-9	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	01/21/26 14:03	
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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-10
Customer Sample ID: 822-LFGP-10
Collected: 01/20/2026 14:35
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 14:17	BEA2187	R1838.D	822-LFGP-10	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	01/21/26 14:17	
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

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2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

EMSL Sample ID: AE06783-11
Customer Sample ID: 822-LFGP-DUP
Collected: 01/20/2026 00:00
Received: 01/21/2026 09:25

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/21/26 14:57	BEA2187	R1841.D	822-LFGP-DUP	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	01/21/26 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**

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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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: 012606783
LIMS Reference ID: AE06783
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, Lyon Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/21/2026 09:25
Reported: 02/06/2026 14:21

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

AE06783 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 2026 JAN 21 A 9:41

Customer Information

Customer ID:
Company Name: S+ME
Contact Name: Gerald Paul
Street Address: 3201 Spring Forest Rd
City, State, Zip: Raleigh, NC Country: US
Phone:
Email(s) for Report: ~~gerald.paul~~ jpaul@sme-inc.com

Billing Information

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

Project Name/No: Durham Parks 23050630, Lyon Park
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide) Lyon Park (822)
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: 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
			1/20/26											
822-LFGP-1	☐	☒	1520	A		X								Low Level H2S
822-LFGP-2	☐	☒	1515	↓		X								↓
822-LFGP-3	☐	☒	1510			X								
822-LFGP-4	☐	☒	1505			X								

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

please use 14 ng/m3 MDL NCDEQ EDD please

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~~ Lyon Park Date/Time: ~~11-17-25~~ 1-20-26 1600
Received by: E-FX Date/Time 1/21/26 0925

Relinquished by: Date/Time:
Received by: Date/Time 1/21/26 1000

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.)

1/21/26

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.

SAH

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

AE06783 EMSL Order Number / Lab Use Only

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 1/20/26	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-5	☐	☐	1500	A		X								low level H_2S
822-LFGP-6	☐	☐	1422			X								
822-LFGP-7	☐	☐	1400			X								
822-LFGP-8	☐	☐	1415			X								
822-LFGP-9	☐	☐	1410			X								
822-LFGP-10	☐	☐	1435			X								
822-LFGP-DUP	☐	☐	↓	↓		X								
	☐	☐												
	☐	☐												

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 21 A 9:4

Method of Shipment: FedEx

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by:	Date/Time:	Received by:	Date/Time
		Brad Fox	1/28/26 / 1000
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.

EMSL Analytical, Inc.

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

EMSL Order ID: 012607632
LIMS Reference ID: AE07632
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: 23050630 - City of Durham Parks, Lyon Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:33

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 822 - LFGP - 1/Lyon Park		**Lims Reference ID:**		**AE07632-01**	**Matrix: Tubes**				**Sampled: 01/20/26 13:37:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 14:55	CZX	NIOSH 6009
Sample: 822 - LFGP - 2/Lyon Park		**Lims Reference ID:**		**AE07632-02**	**Matrix: Tubes**				**Sampled: 01/20/26 13:21:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 14:57	CZX	NIOSH 6009
Sample: 822 - LFGP - 3/Lyon Park		**Lims Reference ID:**		**AE07632-03**	**Matrix: Tubes**				**Sampled: 01/20/26 12:45:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:00	CZX	NIOSH 6009
Sample: 822 - LFGP - 4/Lyon Park		**Lims Reference ID:**		**AE07632-04**	**Matrix: Tubes**				**Sampled: 01/20/26 12:42:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:02	CZX	NIOSH 6009
Sample: 822 - LFGP - 5/Lyon Park		**Lims Reference ID:**		**AE07632-05**	**Matrix: Tubes**				**Sampled: 01/20/26 12:40:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:05	CZX	NIOSH 6009
Sample: 822 - LFGP - 6/Lyon Park		**Lims Reference ID:**		**AE07632-06**	**Matrix: Tubes**				**Sampled: 01/20/26 10:44:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:07	CZX	NIOSH 6009
Sample: 822 - LFGP - 7/Lyon Park		**Lims Reference ID:**		**AE07632-07**	**Matrix: Tubes**				**Sampled: 01/20/26 10:42:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:10	CZX	NIOSH 6009
Sample: 822 - LFGP - 8/Lyon Park		**Lims Reference ID:**		**AE07632-08**	**Matrix: Tubes**				**Sampled: 01/20/26 10:40:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:20	CZX	NIOSH 6009
Sample: 822 - LFGP - 9/Lyon Park		**Lims Reference ID:**		**AE07632-09**	**Matrix: Tubes**				**Sampled: 01/20/26 11:08:00**

EMSL Analytical, Inc.

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

EMSL Order ID: 012607632
LIMS Reference ID: AE07632
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: 23050630 - City of Durham Parks, Lyon Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:33

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 822 - LFGP - 9/Lyon Park (Continued)			**Lims Reference ID:**	**AE07632-09**	**Matrix: Tubes**				**Sampled: 01/20/26 11:08:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:23	CZX	NIOSH 6009
Sample: 822 - LFGP - 10/Lyon Park			**Lims Reference ID:**	**AE07632-10**	**Matrix: Tubes**				**Sampled: 01/20/26 11:29:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:25	CZX	NIOSH 6009
Sample: 822 - LFGP - DUP/Lyon Park			**Lims Reference ID:**	**AE07632-11**	**Matrix: Tubes**				**Sampled: 01/20/26 13:37:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:41	02/11/26 15:28	CZX	NIOSH 6009

EMSL Analytical, Inc.

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Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012607632
LIMS Reference ID: AE07632
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: 23050630 - City of Durham Parks, Lyon Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:33

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	68-00367	11/30/2026
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.

EMSL Analytical, Inc.

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

EMSL Order ID: 012607632
LIMS Reference ID: AE07632
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: 23050630 - City of Durham Parks, Lyon Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:33

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 reporting limit, or the mdl if provided.
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.

Industrial Hygiene - Chain of Custody

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

EMSL Order Number / Lab Use Only: AE07632

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
Country:	US
Phone:	919-801-5359
Email(s) for Report:	jpaul@sremc.com / madisonallen@sremc.com

Billing Information

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

Project Name/No: 23050630 - City of Durham parks, Lyon Park
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: Madison Allen
Sampled By Signature: Madison Allen
No. Samples in Shipment:

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-1	Lyon Park	NIOSH 6009 mercury	sorbent tube	0.25	1337	1437		☐ Area ☐ Personal	1/20/26	
822-LFGP-2					1321	1421		☐ Area ☐ Personal		
822-LFGP-3					1245	1345		☐ Area ☐ Personal		
822-LFGP-4					1242	1342		☐ Area ☐ Personal		
822-LFGP-5					1240	1340		☐ Area ☐ Personal		
822-LFGP-6					1044	1144		☐ Area ☐ Personal		
822-LFGP-7					1042	1142		☐ Area ☐ Personal		
822-LFGP-8					1040	1140		☐ Area ☐ Personal		

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

Method of Shipment: Fedex
Sample Condition Upon Receipt:

Relinquished by: Madison Allen	Date/Time: 1/27/26 1230	Received by: L Donnelly (EFX)	Date/Time: 1/29/26 10:20am
Relinquished by:	Date/Time:	Received by:	Date/Time

21.4°C

☐ 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.

EMSL ANALYTICAL, INC.
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Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE07632

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.)

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	Lyon Park	NIOSH 6009 mercury	sorbent tube	0.25	1108	1208		☐ Area ☐ Personal	1/20/26	
822-LFGP-10	↓	↓	↓	↓	1129	1229		☐ Area ☐ Personal	↓	
822-LFGP-DUP					1337	1437		☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
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								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

Method of Shipment: Fed-ex		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by: A Donnelly (EFT)	Date/Time 1/29/26 10:20a
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.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/30/2026 4:36:56 PM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-41221-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

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Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

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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
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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Job Narrative
752-41221-1

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 1/20/2026 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 1.7°C and 2.6°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 705-109715 recovered outside control limits for the following analyte: o-Xylene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-110203 recovered outside control limits for the following analytes: Chloromethane, 2,2-Dichloropropane and Trichlorofluoromethane. 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.

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
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: 752-41221-1

Client Sample ID: 822-MW-1 — Lab Sample ID: 752-41221-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	33.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	321	F2 F1	10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.769	J F2 F1	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	22.3	F2 F1	5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	11.5	F2 F1	5.00	1.22	ug/L	1		6020B	Total Recoverable
Mercury	0.598		0.200	0.166	ug/L	1		7470A	Total/NA
Nitrate Nitrite as N	3.41		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	3.41		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-MW-2 — Lab Sample ID: 752-41221-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	33.3		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	208		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.43		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	18.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.687	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.94	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.80		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	1.80		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-MW-3 — Lab Sample ID: 752-41221-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	25.8		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	189		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	2.77	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	5.49		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	2.57		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	2.57		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-MW-4 — Lab Sample ID: 752-41221-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	34.3		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	235		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	0.978	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	345		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	4.19	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.236		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-4 (Continued) — Lab Sample ID: 752-41221-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.236		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-MW-5 — Lab Sample ID: 752-41221-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	9.77		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	141		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	98.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	1.88	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0370	J	0.0500	0.0200	mg/L	1		350.1	Total/NA

Client Sample ID: A-MW-7 — Lab Sample ID: 752-41221-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	407		10.0	7.67	mg/L	10		9056A	Total/NA
Barium	29.5		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.480	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	0.901	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	4.70	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.634	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.82	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.160		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.160		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: A-MW-8 — Lab Sample ID: 752-41221-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	177		10.0	7.67	mg/L	10		9056A	Total/NA
Barium	42.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.35	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.22	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	15.3		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.547	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	5.08		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	3.87		0.500	0.0500	mg/L	5		353.2-1993 R2.0	Total/NA
Nitrate as N	3.87		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-A-MW-9 — Lab Sample ID: 752-41221-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	44.6		1.00	0.767	mg/L	1		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 822-A-MW-9 (Continued)

Lab Sample ID: 752-41221-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	98.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.683	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	1980		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.12	J	5.00	0.422	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

Client Sample ID: 822-MW-Dup-2

Lab Sample ID: 752-41221-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	33.5		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	334		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.59	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	49.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.640	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	10.6		5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	3.75		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	3.75		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-1
Date Collected: 01/20/26 10:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 20:52	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 20:52	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 20:52	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 20:52	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 20:52	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 20:52	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 20:52	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 20:52	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 20:52	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 20:52	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 20:52	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 20:52	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 20:52	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 20:52	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 20:52	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 20:52	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 20:52	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 20:52	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 20:52	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 20:52	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 20:52	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 20:52	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 20:52	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 20:52	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 20:52	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 20:52	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 20:52	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 20:52	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 20:52	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 20:52	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 20:52	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 20:52	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 20:52	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 20:52	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 20:52	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 20:52	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 20:52	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 20:52	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 20:52	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 20:52	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 20:52	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 20:52	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 20:52	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 20:52	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 20:52	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 20:52	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 20:52	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 20:52	1

Client Sample ID: 822-MW-1
Date Collected: 01/20/26 10:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-1
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		1.00	0.270	ug/L			01/22/26 20:52	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 20:52	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 20:52	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 20:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 20:52	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 20:52	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 20:52	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 20:52	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 20:52	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 20:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 20:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 20:52	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 20:52	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 20:52	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 20:52	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 20:52	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 20:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 20:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 20:52	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 20:52	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 20:52	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*01/22/26 20:52*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*01/22/26 20:52*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/22/26 20:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		01/26/26 13:32	01/27/26 19:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*51*		*40 - 150*	*01/26/26 13:32*	*01/27/26 19:10*	*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	0.423	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		01/23/26 12:47	01/27/26 22:45	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		01/23/26 12:47	01/27/26 22:45	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		01/23/26 12:47	01/27/26 22:45	1
2-Chlorophenol	ND		10.1	0.846	ug/L		01/23/26 12:47	01/27/26 22:45	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		01/23/26 12:47	01/27/26 22:45	1
2-Methylphenol	ND		10.1	0.765	ug/L		01/23/26 12:47	01/27/26 22:45	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-1
Date Collected: 01/20/26 10:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		01/23/26 12:47	01/27/26 22:45	1
2-Nitrophenol	ND		10.1	1.18	ug/L		01/23/26 12:47	01/27/26 22:45	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		01/23/26 12:47	01/27/26 22:45	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		01/23/26 12:47	01/27/26 22:45	1
3-Nitroaniline	ND		10.1	0.956	ug/L		01/23/26 12:47	01/27/26 22:45	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		01/23/26 12:47	01/27/26 22:45	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		01/23/26 12:47	01/27/26 22:45	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		01/23/26 12:47	01/27/26 22:45	1
4-Chloroaniline	ND		10.1	0.584	ug/L		01/23/26 12:47	01/27/26 22:45	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		01/23/26 12:47	01/27/26 22:45	1
4-Nitroaniline	ND		10.1	3.52	ug/L		01/23/26 12:47	01/27/26 22:45	1
4-Nitrophenol	ND		10.1	2.76	ug/L		01/23/26 12:47	01/27/26 22:45	1
Acenaphthene	ND		10.1	0.634	ug/L		01/23/26 12:47	01/27/26 22:45	1
Acenaphthylene	ND		10.1	0.765	ug/L		01/23/26 12:47	01/27/26 22:45	1
Acetophenone	ND		10.1	3.22	ug/L		01/23/26 12:47	01/27/26 22:45	1
Anthracene	ND		10.1	0.916	ug/L		01/23/26 12:47	01/27/26 22:45	1
Atrazine	ND		10.1	1.14	ug/L		01/23/26 12:47	01/27/26 22:45	1
Benzaldehyde	ND		10.1	0.674	ug/L		01/23/26 12:47	01/27/26 22:45	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/23/26 12:47	01/27/26 22:45	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/23/26 12:47	01/27/26 22:45	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		01/23/26 12:47	01/27/26 22:45	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		01/23/26 12:47	01/27/26 22:45	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		01/23/26 12:47	01/27/26 22:45	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		01/23/26 12:47	01/27/26 22:45	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		01/23/26 12:47	01/27/26 22:45	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		01/23/26 12:47	01/27/26 22:45	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 22:45	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 22:45	1
Caprolactam	ND		10.1	2.42	ug/L		01/23/26 12:47	01/27/26 22:45	1
Carbazole	ND		10.1	0.322	ug/L		01/23/26 12:47	01/27/26 22:45	1
Chrysene	ND		10.1	1.21	ug/L		01/23/26 12:47	01/27/26 22:45	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		01/23/26 12:47	01/27/26 22:45	1
Dibenzofuran	ND		10.1	0.644	ug/L		01/23/26 12:47	01/27/26 22:45	1
Diethyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 22:45	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 22:45	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		01/23/26 12:47	01/27/26 22:45	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 22:45	1
Fluoranthene	ND		10.1	0.634	ug/L		01/23/26 12:47	01/27/26 22:45	1
Fluorene	ND		10.1	0.674	ug/L		01/23/26 12:47	01/27/26 22:45	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		01/23/26 12:47	01/27/26 22:45	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		01/23/26 12:47	01/27/26 22:45	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		01/23/26 12:47	01/27/26 22:45	1
Hexachloroethane	ND		10.1	0.534	ug/L		01/23/26 12:47	01/27/26 22:45	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/23/26 12:47	01/27/26 22:45	1
Isophorone	ND		10.1	0.805	ug/L		01/23/26 12:47	01/27/26 22:45	1
Naphthalene	ND		10.1	0.755	ug/L		01/23/26 12:47	01/27/26 22:45	1
Nitrobenzene	ND		10.1	0.604	ug/L		01/23/26 12:47	01/27/26 22:45	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		01/23/26 12:47	01/27/26 22:45	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		01/23/26 12:47	01/27/26 22:45	1

Client Sample ID: 822-MW-1

Date Collected: 01/20/26 10:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.82	ug/L		01/23/26 12:47	01/27/26 22:45	1
Phenanthrene	ND		10.1	0.745	ug/L		01/23/26 12:47	01/27/26 22:45	1
Phenol	ND		10.1	0.685	ug/L		01/23/26 12:47	01/27/26 22:45	1
Pyrene	ND		10.1	0.634	ug/L		01/23/26 12:47	01/27/26 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*01/23/26 12:47*	*01/27/26 22:45*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*01/23/26 12:47*	*01/27/26 22:45*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 150*	*01/23/26 12:47*	*01/27/26 22:45*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*01/23/26 12:47*	*01/27/26 22:45*	*1*
Phenol-d5 (Surr)	*53*		*10 - 150*	*01/23/26 12:47*	*01/27/26 22:45*	*1*
Terphenyl-d14 (Surr)	*47*		*28 - 150*	*01/23/26 12:47*	*01/27/26 22:45*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**33.4**		1.00	0.767	mg/L			01/23/26 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F2 F1	5.00	2.45	ug/L		01/23/26 09:37	01/24/26 02:23	1
Arsenic	ND	F2 F1	5.00	1.32	ug/L		01/23/26 09:37	01/24/26 02:23	1
Barium	**321**	**F2 F1**	10.0	0.410	ug/L		01/23/26 09:37	01/24/26 02:23	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 02:23	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 02:23	1
Chromium	ND	F2 F1	5.00	3.69	ug/L		01/23/26 09:37	01/24/26 02:23	1
Cobalt	ND	F2 F1	5.00	0.411	ug/L		01/23/26 09:37	01/24/26 02:23	1
Copper	**0.769**	**J F2 F1**	2.00	0.642	ug/L		01/23/26 09:37	01/24/26 02:23	1
Lead	ND	F2 F1	1.00	0.864	ug/L		01/23/26 09:37	01/24/26 02:23	1
Manganese	**22.3**	**F2 F1**	5.00	1.29	ug/L		01/23/26 09:37	01/24/26 02:23	1
Nickel	ND	F2 F1	5.00	0.422	ug/L		01/23/26 09:37	01/24/26 02:23	1
Selenium	ND	F2 F1	5.00	2.29	ug/L		01/23/26 09:37	01/24/26 02:23	1
Silver	ND	F2 F1	1.00	0.167	ug/L		01/23/26 09:37	01/24/26 02:23	1
Thallium	ND	F2 F1	1.00	0.190	ug/L		01/23/26 09:37	01/24/26 02:23	1
Vanadium	**11.5**	**F2 F1**	5.00	1.22	ug/L		01/23/26 09:37	01/24/26 02:23	1
Zinc	ND	F2 F1	10.0	8.91	ug/L		01/23/26 09:37	01/24/26 02:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.598**		0.200	0.166	ug/L		01/28/26 17:30	01/28/26 21:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 09:50	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.41**		0.500	0.0500	mg/L			01/23/26 14:44	5
Nitrate as N (SM Nitrate by calc)	**3.41**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-2
Date Collected: 01/20/26 10:30
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 21:15	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 21:15	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 21:15	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 21:15	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 21:15	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 21:15	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 21:15	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 21:15	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 21:15	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 21:15	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 21:15	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 21:15	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 21:15	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 21:15	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 21:15	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 21:15	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 21:15	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 21:15	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 21:15	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 21:15	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 21:15	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 21:15	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 21:15	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 21:15	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 21:15	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 21:15	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 21:15	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 21:15	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 21:15	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 21:15	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 21:15	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 21:15	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 21:15	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 21:15	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 21:15	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 21:15	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 21:15	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 21:15	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 21:15	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 21:15	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 21:15	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 21:15	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 21:15	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 21:15	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 21:15	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 21:15	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 21:15	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 21:15	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 21:15	1

Client Sample ID: 822-MW-2
Date Collected: 01/20/26 10:30
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-2
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		1.00	0.270	ug/L			01/22/26 21:15	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 21:15	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 21:15	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 21:15	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 21:15	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 21:15	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 21:15	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 21:15	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 21:15	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 21:15	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 21:15	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 21:15	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 21:15	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 21:15	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 21:15	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 21:15	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 21:15	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 21:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 21:15	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 21:15	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 21:15	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 21:15	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 21:15	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/22/26 21:15*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*01/22/26 21:15*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/22/26 21:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/26/26 13:32	01/27/26 19:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*65*		*40 - 150*	*01/26/26 13:32*	*01/27/26 19:40*	*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		01/23/26 12:47	01/27/26 23:17	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		01/23/26 12:47	01/27/26 23:17	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		01/23/26 12:47	01/27/26 23:17	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		01/23/26 12:47	01/27/26 23:17	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		01/23/26 12:47	01/27/26 23:17	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		01/23/26 12:47	01/27/26 23:17	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		01/23/26 12:47	01/27/26 23:17	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		01/23/26 12:47	01/27/26 23:17	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		01/23/26 12:47	01/27/26 23:17	1
2-Chlorophenol	ND		9.93	0.834	ug/L		01/23/26 12:47	01/27/26 23:17	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		01/23/26 12:47	01/27/26 23:17	1
2-Methylphenol	ND		9.93	0.755	ug/L		01/23/26 12:47	01/27/26 23:17	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-2
Date Collected: 01/20/26 10:30
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.93	1.36	ug/L		01/23/26 12:47	01/27/26 23:17	1
2-Nitrophenol	ND		9.93	1.16	ug/L		01/23/26 12:47	01/27/26 23:17	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		01/23/26 12:47	01/27/26 23:17	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		01/23/26 12:47	01/27/26 23:17	1
3-Nitroaniline	ND		9.93	0.944	ug/L		01/23/26 12:47	01/27/26 23:17	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		01/23/26 12:47	01/27/26 23:17	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		01/23/26 12:47	01/27/26 23:17	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		01/23/26 12:47	01/27/26 23:17	1
4-Chloroaniline	ND		9.93	0.576	ug/L		01/23/26 12:47	01/27/26 23:17	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		01/23/26 12:47	01/27/26 23:17	1
4-Nitroaniline	ND		9.93	3.48	ug/L		01/23/26 12:47	01/27/26 23:17	1
4-Nitrophenol	ND		9.93	2.72	ug/L		01/23/26 12:47	01/27/26 23:17	1
Acenaphthene	ND		9.93	0.626	ug/L		01/23/26 12:47	01/27/26 23:17	1
Acenaphthylene	ND		9.93	0.755	ug/L		01/23/26 12:47	01/27/26 23:17	1
Acetophenone	ND		9.93	3.18	ug/L		01/23/26 12:47	01/27/26 23:17	1
Anthracene	ND		9.93	0.904	ug/L		01/23/26 12:47	01/27/26 23:17	1
Atrazine	ND		9.93	1.12	ug/L		01/23/26 12:47	01/27/26 23:17	1
Benzaldehyde	ND		9.93	0.666	ug/L		01/23/26 12:47	01/27/26 23:17	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		01/23/26 12:47	01/27/26 23:17	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		01/23/26 12:47	01/27/26 23:17	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		01/23/26 12:47	01/27/26 23:17	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		01/23/26 12:47	01/27/26 23:17	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		01/23/26 12:47	01/27/26 23:17	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		01/23/26 12:47	01/27/26 23:17	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		01/23/26 12:47	01/27/26 23:17	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		01/23/26 12:47	01/27/26 23:17	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		01/23/26 12:47	01/27/26 23:17	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		01/23/26 12:47	01/27/26 23:17	1
Caprolactam	ND		9.93	2.38	ug/L		01/23/26 12:47	01/27/26 23:17	1
Carbazole	ND		9.93	0.318	ug/L		01/23/26 12:47	01/27/26 23:17	1
Chrysene	ND		9.93	1.19	ug/L		01/23/26 12:47	01/27/26 23:17	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		01/23/26 12:47	01/27/26 23:17	1
Dibenzofuran	ND		9.93	0.636	ug/L		01/23/26 12:47	01/27/26 23:17	1
Diethyl phthalate	ND		9.93	3.97	ug/L		01/23/26 12:47	01/27/26 23:17	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		01/23/26 12:47	01/27/26 23:17	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		01/23/26 12:47	01/27/26 23:17	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		01/23/26 12:47	01/27/26 23:17	1
Fluoranthene	ND		9.93	0.626	ug/L		01/23/26 12:47	01/27/26 23:17	1
Fluorene	ND		9.93	0.666	ug/L		01/23/26 12:47	01/27/26 23:17	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		01/23/26 12:47	01/27/26 23:17	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		01/23/26 12:47	01/27/26 23:17	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		01/23/26 12:47	01/27/26 23:17	1
Hexachloroethane	ND		9.93	0.526	ug/L		01/23/26 12:47	01/27/26 23:17	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		01/23/26 12:47	01/27/26 23:17	1
Isophorone	ND		9.93	0.795	ug/L		01/23/26 12:47	01/27/26 23:17	1
Naphthalene	ND		9.93	0.745	ug/L		01/23/26 12:47	01/27/26 23:17	1
Nitrobenzene	ND		9.93	0.596	ug/L		01/23/26 12:47	01/27/26 23:17	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		01/23/26 12:47	01/27/26 23:17	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		01/23/26 12:47	01/27/26 23:17	1

Client Sample ID: 822-MW-2
Date Collected: 01/20/26 10:30
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.93	2.78	ug/L		01/23/26 12:47	01/27/26 23:17	1
Phenanthrene	ND		9.93	0.735	ug/L		01/23/26 12:47	01/27/26 23:17	1
Phenol	ND		9.93	0.675	ug/L		01/23/26 12:47	01/27/26 23:17	1
Pyrene	ND		9.93	0.626	ug/L		01/23/26 12:47	01/27/26 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*01/23/26 12:47*	*01/27/26 23:17*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*01/23/26 12:47*	*01/27/26 23:17*	*1*
2-Fluorophenol (Surr)	*42*		*10 - 150*	*01/23/26 12:47*	*01/27/26 23:17*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 150*	*01/23/26 12:47*	*01/27/26 23:17*	*1*
Phenol-d5 (Surr)	*44*		*10 - 150*	*01/23/26 12:47*	*01/27/26 23:17*	*1*
Terphenyl-d14 (Surr)	*40*		*28 - 150*	*01/23/26 12:47*	*01/27/26 23:17*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**33.3**		1.00	0.767	mg/L			01/23/26 04:08	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		01/23/26 09:37	01/24/26 02:33	1
Arsenic	ND		5.00	1.32	ug/L		01/23/26 09:37	01/24/26 02:33	1
Barium	**208**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 02:33	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 02:33	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 02:33	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 02:33	1
Cobalt	ND		5.00	0.411	ug/L		01/23/26 09:37	01/24/26 02:33	1
Copper	**2.43**		2.00	0.642	ug/L		01/23/26 09:37	01/24/26 02:33	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 02:33	1
Manganese	**18.7**		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 02:33	1
Nickel	**0.687**	**J**	5.00	0.422	ug/L		01/23/26 09:37	01/24/26 02:33	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 02:33	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 02:33	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 02:33	1
Vanadium	**3.94**	**J**	5.00	1.22	ug/L		01/23/26 09:37	01/24/26 02:33	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 02:33	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		01/28/26 17:30	01/28/26 21:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 09:52	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.80**		0.200	0.0200	mg/L			01/23/26 14:47	2
Nitrate as N (SM Nitrate by calc)	**1.80**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-3
Date Collected: 01/20/26 11:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 18:37	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 18:37	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 18:37	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 18:37	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 18:37	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 18:37	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 18:37	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 18:37	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 18:37	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 18:37	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 18:37	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 18:37	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 18:37	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 18:37	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 18:37	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 18:37	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 18:37	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 18:37	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 18:37	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 18:37	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:37	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 18:37	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:37	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 18:37	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 18:37	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 18:37	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 18:37	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 18:37	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 18:37	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 18:37	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 18:37	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 18:37	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:37	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 18:37	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 18:37	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 18:37	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 18:37	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 18:37	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 18:37	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 18:37	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 18:37	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 18:37	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 18:37	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 18:37	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 18:37	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 18:37	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 18:37	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 18:37	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 18:37	1

Client Sample ID: 822-MW-3
Date Collected: 01/20/26 11:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-3
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		1.00	0.270	ug/L			01/22/26 18:37	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 18:37	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 18:37	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 18:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 18:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 18:37	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 18:37	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 18:37	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 18:37	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 18:37	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 18:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 18:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 18:37	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 18:37	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 18:37	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 18:37	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 18:37	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 18:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 18:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:37	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 18:37	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 18:37	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*01/22/26 18:37*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*01/22/26 18:37*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/22/26 18:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/26/26 13:32	01/27/26 20:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*40 - 150*	*01/26/26 13:32*	*01/27/26 20:10*	*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		9.58	0.403	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,4,5-Trichlorophenol	ND		9.58	0.518	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,4,6-Trichlorophenol	ND		9.58	1.04	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,4-Dichlorophenol	ND		9.58	0.546	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,4-Dimethylphenol	ND		9.58	0.230	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,4-Dinitrophenol	ND		28.8	4.49	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,4-Dinitrotoluene	ND		9.58	0.623	ug/L		01/23/26 12:47	01/27/26 23:49	1
2,6-Dinitrotoluene	ND		9.58	0.278	ug/L		01/23/26 12:47	01/27/26 23:49	1
2-Chloronaphthalene	ND		9.58	0.364	ug/L		01/23/26 12:47	01/27/26 23:49	1
2-Chlorophenol	ND		9.58	0.805	ug/L		01/23/26 12:47	01/27/26 23:49	1
2-Methylnaphthalene	ND		9.58	0.776	ug/L		01/23/26 12:47	01/27/26 23:49	1
2-Methylphenol	ND		9.58	0.728	ug/L		01/23/26 12:47	01/27/26 23:49	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-3
Date Collected: 01/20/26 11:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.58	1.31	ug/L		01/23/26 12:47	01/27/26 23:49	1
2-Nitrophenol	ND		9.58	1.12	ug/L		01/23/26 12:47	01/27/26 23:49	1
3 & 4 Methylphenol	ND		19.2	4.41	ug/L		01/23/26 12:47	01/27/26 23:49	1
3,3'-Dichlorobenzidine	ND		10.5	0.393	ug/L		01/23/26 12:47	01/27/26 23:49	1
3-Nitroaniline	ND		9.58	0.911	ug/L		01/23/26 12:47	01/27/26 23:49	1
4,6-Dinitro-2-methylphenol	ND		9.58	1.89	ug/L		01/23/26 12:47	01/27/26 23:49	1
4-Bromophenyl phenyl ether	ND		9.58	0.125	ug/L		01/23/26 12:47	01/27/26 23:49	1
4-Chloro-3-methylphenol	ND		9.58	0.700	ug/L		01/23/26 12:47	01/27/26 23:49	1
4-Chloroaniline	ND		9.58	0.556	ug/L		01/23/26 12:47	01/27/26 23:49	1
4-Chlorophenyl phenyl ether	ND		9.58	0.230	ug/L		01/23/26 12:47	01/27/26 23:49	1
4-Nitroaniline	ND		9.58	3.35	ug/L		01/23/26 12:47	01/27/26 23:49	1
4-Nitrophenol	ND		9.58	2.63	ug/L		01/23/26 12:47	01/27/26 23:49	1
Acenaphthene	ND		9.58	0.604	ug/L		01/23/26 12:47	01/27/26 23:49	1
Acenaphthylene	ND		9.58	0.728	ug/L		01/23/26 12:47	01/27/26 23:49	1
Acetophenone	ND		9.58	3.07	ug/L		01/23/26 12:47	01/27/26 23:49	1
Anthracene	ND		9.58	0.872	ug/L		01/23/26 12:47	01/27/26 23:49	1
Atrazine	ND		9.58	1.08	ug/L		01/23/26 12:47	01/27/26 23:49	1
Benzaldehyde	ND		9.58	0.642	ug/L		01/23/26 12:47	01/27/26 23:49	1
Benzo[a]anthracene	ND		9.58	0.958	ug/L		01/23/26 12:47	01/27/26 23:49	1
Benzo[a]pyrene	ND		9.58	1.05	ug/L		01/23/26 12:47	01/27/26 23:49	1
Benzo[b]fluoranthene	ND		9.58	1.15	ug/L		01/23/26 12:47	01/27/26 23:49	1
Benzo[g,h,i]perylene	ND		9.58	1.44	ug/L		01/23/26 12:47	01/27/26 23:49	1
Benzo[k]fluoranthene	ND		9.58	1.44	ug/L		01/23/26 12:47	01/27/26 23:49	1
bis (2-chloroisopropyl) ether	ND		9.58	0.891	ug/L		01/23/26 12:47	01/27/26 23:49	1
Bis(2-chloroethoxy)methane	ND		9.58	0.326	ug/L		01/23/26 12:47	01/27/26 23:49	1
Bis(2-chloroethyl)ether	ND		9.58	0.700	ug/L		01/23/26 12:47	01/27/26 23:49	1
Bis(2-ethylhexyl) phthalate	ND		9.58	3.83	ug/L		01/23/26 12:47	01/27/26 23:49	1
Butyl benzyl phthalate	ND		9.58	3.83	ug/L		01/23/26 12:47	01/27/26 23:49	1
Caprolactam	ND		9.58	2.30	ug/L		01/23/26 12:47	01/27/26 23:49	1
Carbazole	ND		9.58	0.307	ug/L		01/23/26 12:47	01/27/26 23:49	1
Chrysene	ND		9.58	1.15	ug/L		01/23/26 12:47	01/27/26 23:49	1
Dibenz(a,h)anthracene	ND		9.58	1.25	ug/L		01/23/26 12:47	01/27/26 23:49	1
Dibenzofuran	ND		9.58	0.613	ug/L		01/23/26 12:47	01/27/26 23:49	1
Diethyl phthalate	ND		9.58	3.83	ug/L		01/23/26 12:47	01/27/26 23:49	1
Dimethyl phthalate	ND		9.58	3.83	ug/L		01/23/26 12:47	01/27/26 23:49	1
Di-n-butyl phthalate	ND		9.58	7.85	ug/L		01/23/26 12:47	01/27/26 23:49	1
Di-n-octyl phthalate	ND		9.58	3.83	ug/L		01/23/26 12:47	01/27/26 23:49	1
Fluoranthene	ND		9.58	0.604	ug/L		01/23/26 12:47	01/27/26 23:49	1
Fluorene	ND		9.58	0.642	ug/L		01/23/26 12:47	01/27/26 23:49	1
Hexachlorobenzene	ND		9.58	0.240	ug/L		01/23/26 12:47	01/27/26 23:49	1
Hexachlorobutadiene	ND		9.58	0.527	ug/L		01/23/26 12:47	01/27/26 23:49	1
Hexachlorocyclopentadiene	ND		19.2	0.307	ug/L		01/23/26 12:47	01/27/26 23:49	1
Hexachloroethane	ND		9.58	0.508	ug/L		01/23/26 12:47	01/27/26 23:49	1
Indeno[1,2,3-cd]pyrene	ND		9.58	1.05	ug/L		01/23/26 12:47	01/27/26 23:49	1
Isophorone	ND		9.58	0.767	ug/L		01/23/26 12:47	01/27/26 23:49	1
Naphthalene	ND		9.58	0.719	ug/L		01/23/26 12:47	01/27/26 23:49	1
Nitrobenzene	ND		9.58	0.575	ug/L		01/23/26 12:47	01/27/26 23:49	1
N-Nitrosodi-n-propylamine	ND		9.58	0.316	ug/L		01/23/26 12:47	01/27/26 23:49	1
N-Nitrosodiphenylamine	ND		9.58	0.182	ug/L		01/23/26 12:47	01/27/26 23:49	1

Client Sample ID: 822-MW-3

Date Collected: 01/20/26 11:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.58	2.68	ug/L		01/23/26 12:47	01/27/26 23:49	1
Phenanthrene	ND		9.58	0.709	ug/L		01/23/26 12:47	01/27/26 23:49	1
Phenol	ND		9.58	0.652	ug/L		01/23/26 12:47	01/27/26 23:49	1
Pyrene	ND		9.58	0.604	ug/L		01/23/26 12:47	01/27/26 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*	*01/23/26 12:47*	*01/27/26 23:49*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*01/23/26 12:47*	*01/27/26 23:49*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 150*	*01/23/26 12:47*	*01/27/26 23:49*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*01/23/26 12:47*	*01/27/26 23:49*	*1*
Phenol-d5 (Surr)	*55*		*10 - 150*	*01/23/26 12:47*	*01/27/26 23:49*	*1*
Terphenyl-d14 (Surr)	*40*		*28 - 150*	*01/23/26 12:47*	*01/27/26 23:49*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**25.8**		1.00	0.767	mg/L			01/23/26 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		01/23/26 09:37	01/24/26 02:36	1
Arsenic	ND		5.00	1.32	ug/L		01/23/26 09:37	01/24/26 02:36	1
Barium	**189**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 02:36	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 02:36	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 02:36	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 02:36	1
Cobalt	ND		5.00	0.411	ug/L		01/23/26 09:37	01/24/26 02:36	1
Copper	ND		2.00	0.642	ug/L		01/23/26 09:37	01/24/26 02:36	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 02:36	1
Manganese	**2.77**	**J**	5.00	1.29	ug/L		01/23/26 09:37	01/24/26 02:36	1
Nickel	ND		5.00	0.422	ug/L		01/23/26 09:37	01/24/26 02:36	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 02:36	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 02:36	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 02:36	1
Vanadium	**5.49**		5.00	1.22	ug/L		01/23/26 09:37	01/24/26 02:36	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 02:36	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		01/28/26 17:30	01/28/26 21:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND	F1	0.0500	0.0200	mg/L			01/23/26 09:57	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**2.57**		0.200	0.0200	mg/L			01/23/26 14:49	2
Nitrate as N (SM Nitrate by calc)	**2.57**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-4
Date Collected: 01/20/26 13:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 18:59	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 18:59	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 18:59	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 18:59	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 18:59	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 18:59	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 18:59	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 18:59	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 18:59	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 18:59	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 18:59	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 18:59	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 18:59	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 18:59	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 18:59	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 18:59	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 18:59	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 18:59	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 18:59	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 18:59	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:59	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 18:59	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:59	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 18:59	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 18:59	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 18:59	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 18:59	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 18:59	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 18:59	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 18:59	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 18:59	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 18:59	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:59	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 18:59	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 18:59	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 18:59	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 18:59	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 18:59	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 18:59	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 18:59	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 18:59	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 18:59	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 18:59	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 18:59	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 18:59	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 18:59	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 18:59	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 18:59	1

Client Sample ID: 822-MW-4
Date Collected: 01/20/26 13:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-4
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		1.00	0.270	ug/L			01/22/26 18:59	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 18:59	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 18:59	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 18:59	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 18:59	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 18:59	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 18:59	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 18:59	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 18:59	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 18:59	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 18:59	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 18:59	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 18:59	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 18:59	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 18:59	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 18:59	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 18:59	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 18:59	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 18:59	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:59	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 18:59	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 18:59	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/22/26 18:59*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*01/22/26 18:59*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/22/26 18:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		01/26/26 13:32	01/27/26 20:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*40 - 150*	*01/26/26 13:32*	*01/27/26 20:40*	*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		01/23/26 12:47	01/28/26 02:26	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		01/23/26 12:47	01/28/26 02:26	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		01/23/26 12:47	01/28/26 02:26	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		01/23/26 12:47	01/28/26 02:26	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		01/23/26 12:47	01/28/26 02:26	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		01/23/26 12:47	01/28/26 02:26	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		01/23/26 12:47	01/28/26 02:26	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		01/23/26 12:47	01/28/26 02:26	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		01/23/26 12:47	01/28/26 02:26	1
2-Chlorophenol	ND		9.97	0.837	ug/L		01/23/26 12:47	01/28/26 02:26	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		01/23/26 12:47	01/28/26 02:26	1
2-Methylphenol	ND		9.97	0.757	ug/L		01/23/26 12:47	01/28/26 02:26	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-4
Date Collected: 01/20/26 13:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		01/23/26 12:47	01/28/26 02:26	1
2-Nitrophenol	ND		9.97	1.17	ug/L		01/23/26 12:47	01/28/26 02:26	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		01/23/26 12:47	01/28/26 02:26	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		01/23/26 12:47	01/28/26 02:26	1
3-Nitroaniline	ND		9.97	0.947	ug/L		01/23/26 12:47	01/28/26 02:26	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		01/23/26 12:47	01/28/26 02:26	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		01/23/26 12:47	01/28/26 02:26	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		01/23/26 12:47	01/28/26 02:26	1
4-Chloroaniline	ND		9.97	0.578	ug/L		01/23/26 12:47	01/28/26 02:26	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		01/23/26 12:47	01/28/26 02:26	1
4-Nitroaniline	ND		9.97	3.49	ug/L		01/23/26 12:47	01/28/26 02:26	1
4-Nitrophenol	ND		9.97	2.73	ug/L		01/23/26 12:47	01/28/26 02:26	1
Acenaphthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/28/26 02:26	1
Acenaphthylene	ND		9.97	0.757	ug/L		01/23/26 12:47	01/28/26 02:26	1
Acetophenone	ND		9.97	3.19	ug/L		01/23/26 12:47	01/28/26 02:26	1
Anthracene	ND		9.97	0.907	ug/L		01/23/26 12:47	01/28/26 02:26	1
Atrazine	ND		9.97	1.13	ug/L		01/23/26 12:47	01/28/26 02:26	1
Benzaldehyde	ND		9.97	0.668	ug/L		01/23/26 12:47	01/28/26 02:26	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		01/23/26 12:47	01/28/26 02:26	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/28/26 02:26	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/28/26 02:26	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/28/26 02:26	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/28/26 02:26	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		01/23/26 12:47	01/28/26 02:26	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		01/23/26 12:47	01/28/26 02:26	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		01/23/26 12:47	01/28/26 02:26	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 02:26	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 02:26	1
Caprolactam	ND		9.97	2.39	ug/L		01/23/26 12:47	01/28/26 02:26	1
Carbazole	ND		9.97	0.319	ug/L		01/23/26 12:47	01/28/26 02:26	1
Chrysene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/28/26 02:26	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		01/23/26 12:47	01/28/26 02:26	1
Dibenzofuran	ND		9.97	0.638	ug/L		01/23/26 12:47	01/28/26 02:26	1
Diethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 02:26	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 02:26	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		01/23/26 12:47	01/28/26 02:26	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 02:26	1
Fluoranthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/28/26 02:26	1
Fluorene	ND		9.97	0.668	ug/L		01/23/26 12:47	01/28/26 02:26	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		01/23/26 12:47	01/28/26 02:26	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		01/23/26 12:47	01/28/26 02:26	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		01/23/26 12:47	01/28/26 02:26	1
Hexachloroethane	ND		9.97	0.528	ug/L		01/23/26 12:47	01/28/26 02:26	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/28/26 02:26	1
Isophorone	ND		9.97	0.797	ug/L		01/23/26 12:47	01/28/26 02:26	1
Naphthalene	ND		9.97	0.748	ug/L		01/23/26 12:47	01/28/26 02:26	1
Nitrobenzene	ND		9.97	0.598	ug/L		01/23/26 12:47	01/28/26 02:26	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		01/23/26 12:47	01/28/26 02:26	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		01/23/26 12:47	01/28/26 02:26	1

Client Sample ID: 822-MW-4
Date Collected: 01/20/26 13:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		01/23/26 12:47	01/28/26 02:26	1
Phenanthrene	ND		9.97	0.738	ug/L		01/23/26 12:47	01/28/26 02:26	1
Phenol	ND		9.97	0.678	ug/L		01/23/26 12:47	01/28/26 02:26	1
Pyrene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/28/26 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*01/23/26 12:47*	*01/28/26 02:26*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*01/23/26 12:47*	*01/28/26 02:26*	*1*
2-Fluorophenol (Surr)	*60*		*10 - 150*	*01/23/26 12:47*	*01/28/26 02:26*	*1*
Nitrobenzene-d5 (Surr)	*65*		*22 - 150*	*01/23/26 12:47*	*01/28/26 02:26*	*1*
Phenol-d5 (Surr)	*62*		*10 - 150*	*01/23/26 12:47*	*01/28/26 02:26*	*1*
Terphenyl-d14 (Surr)	*37*		*28 - 150*	*01/23/26 12:47*	*01/28/26 02:26*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**34.3**		1.00	0.767	mg/L			01/23/26 04:30	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		01/23/26 09:37	01/24/26 02:39	1
Arsenic	ND		5.00	1.32	ug/L		01/23/26 09:37	01/24/26 02:39	1
Barium	**235**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 02:39	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 02:39	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 02:39	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 02:39	1
Cobalt	ND		5.00	0.411	ug/L		01/23/26 09:37	01/24/26 02:39	1
Copper	**0.978**	**J**	2.00	0.642	ug/L		01/23/26 09:37	01/24/26 02:39	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 02:39	1
Manganese	**345**		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 02:39	1
Nickel	ND		5.00	0.422	ug/L		01/23/26 09:37	01/24/26 02:39	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 02:39	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 02:39	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 02:39	1
Vanadium	**4.19**	**J**	5.00	1.22	ug/L		01/23/26 09:37	01/24/26 02:39	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 02:39	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		01/28/26 17:30	01/28/26 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 10:02	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.236**		0.100	0.0100	mg/L			01/23/26 14:51	1
Nitrate as N (SM Nitrate by calc)	**0.236**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-5
Date Collected: 01/20/26 12:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/23/26 19:54	1
Benzene	ND		1.00	0.200	ug/L			01/23/26 19:54	1
Bromobenzene	ND		1.00	0.222	ug/L			01/23/26 19:54	1
Bromoform	ND		1.00	0.458	ug/L			01/23/26 19:54	1
Bromomethane	ND		1.00	0.470	ug/L			01/23/26 19:54	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/23/26 19:54	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/23/26 19:54	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/23/26 19:54	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/23/26 19:54	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/23/26 19:54	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/23/26 19:54	1
Chloroethane	ND		1.00	0.374	ug/L			01/23/26 19:54	1
Chloroform	ND		1.00	0.216	ug/L			01/23/26 19:54	1
Chloromethane	ND		1.00	0.371	ug/L			01/23/26 19:54	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/23/26 19:54	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/23/26 19:54	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/23/26 19:54	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/23/26 19:54	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/23/26 19:54	1
Dibromomethane	ND		1.00	0.318	ug/L			01/23/26 19:54	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/23/26 19:54	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/23/26 19:54	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/23/26 19:54	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/23/26 19:54	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/23/26 19:54	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/23/26 19:54	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/23/26 19:54	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/23/26 19:54	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/23/26 19:54	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/23/26 19:54	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/23/26 19:54	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/23/26 19:54	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/23/26 19:54	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/23/26 19:54	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/23/26 19:54	1
Hexane	ND		10.0	3.63	ug/L			01/23/26 19:54	1
2-Hexanone	ND		10.0	3.47	ug/L			01/23/26 19:54	1
Iodomethane	ND		2.00	0.403	ug/L			01/23/26 19:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/23/26 19:54	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/23/26 19:54	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/23/26 19:54	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/23/26 19:54	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/23/26 19:54	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/23/26 19:54	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/23/26 19:54	1
Naphthalene	ND		2.00	1.56	ug/L			01/23/26 19:54	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/23/26 19:54	1
n-Heptane	ND		10.0	3.05	ug/L			01/23/26 19:54	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/23/26 19:54	1

Client Sample ID: 822-MW-5
Date Collected: 01/20/26 12:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-5
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	*+	1.00	0.270	ug/L			01/23/26 19:54	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/23/26 19:54	1
Styrene	ND		1.00	0.194	ug/L			01/23/26 19:54	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/23/26 19:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/23/26 19:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/23/26 19:54	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/23/26 19:54	1
Toluene	ND		1.00	0.197	ug/L			01/23/26 19:54	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/23/26 19:54	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/23/26 19:54	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/23/26 19:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/23/26 19:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/23/26 19:54	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/23/26 19:54	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/23/26 19:54	1
Trichloroethene	ND		1.00	0.211	ug/L			01/23/26 19:54	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/23/26 19:54	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/23/26 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/23/26 19:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/23/26 19:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/23/26 19:54	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/23/26 19:54	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/23/26 19:54	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/23/26 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/23/26 19:54*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*01/23/26 19:54*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/23/26 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.305	0.305	ug/L		01/26/26 13:32	01/27/26 21:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*45*		*40 - 150*	*01/26/26 13:32*	*01/27/26 21:10*	*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		01/23/26 12:47	01/28/26 02:57	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		01/23/26 12:47	01/28/26 02:57	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/23/26 12:47	01/28/26 02:57	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		01/23/26 12:47	01/28/26 02:57	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		01/23/26 12:47	01/28/26 02:57	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		01/23/26 12:47	01/28/26 02:57	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		01/23/26 12:47	01/28/26 02:57	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		01/23/26 12:47	01/28/26 02:57	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		01/23/26 12:47	01/28/26 02:57	1
2-Chlorophenol	ND		10.1	0.851	ug/L		01/23/26 12:47	01/28/26 02:57	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		01/23/26 12:47	01/28/26 02:57	1
2-Methylphenol	ND		10.1	0.770	ug/L		01/23/26 12:47	01/28/26 02:57	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-5
Date Collected: 01/20/26 12:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.39	ug/L		01/23/26 12:47	01/28/26 02:57	1
2-Nitrophenol	ND		10.1	1.19	ug/L		01/23/26 12:47	01/28/26 02:57	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		01/23/26 12:47	01/28/26 02:57	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		01/23/26 12:47	01/28/26 02:57	1
3-Nitroaniline	ND		10.1	0.963	ug/L		01/23/26 12:47	01/28/26 02:57	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		01/23/26 12:47	01/28/26 02:57	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		01/23/26 12:47	01/28/26 02:57	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		01/23/26 12:47	01/28/26 02:57	1
4-Chloroaniline	ND		10.1	0.588	ug/L		01/23/26 12:47	01/28/26 02:57	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		01/23/26 12:47	01/28/26 02:57	1
4-Nitroaniline	ND		10.1	3.55	ug/L		01/23/26 12:47	01/28/26 02:57	1
4-Nitrophenol	ND		10.1	2.78	ug/L		01/23/26 12:47	01/28/26 02:57	1
Acenaphthene	ND		10.1	0.639	ug/L		01/23/26 12:47	01/28/26 02:57	1
Acenaphthylene	ND		10.1	0.770	ug/L		01/23/26 12:47	01/28/26 02:57	1
Acetophenone	ND		10.1	3.24	ug/L		01/23/26 12:47	01/28/26 02:57	1
Anthracene	ND		10.1	0.922	ug/L		01/23/26 12:47	01/28/26 02:57	1
Atrazine	ND		10.1	1.15	ug/L		01/23/26 12:47	01/28/26 02:57	1
Benzaldehyde	ND		10.1	0.679	ug/L		01/23/26 12:47	01/28/26 02:57	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/23/26 12:47	01/28/26 02:57	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/23/26 12:47	01/28/26 02:57	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		01/23/26 12:47	01/28/26 02:57	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		01/23/26 12:47	01/28/26 02:57	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		01/23/26 12:47	01/28/26 02:57	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		01/23/26 12:47	01/28/26 02:57	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		01/23/26 12:47	01/28/26 02:57	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		01/23/26 12:47	01/28/26 02:57	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		01/23/26 12:47	01/28/26 02:57	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		01/23/26 12:47	01/28/26 02:57	1
Caprolactam	ND		10.1	2.43	ug/L		01/23/26 12:47	01/28/26 02:57	1
Carbazole	ND		10.1	0.324	ug/L		01/23/26 12:47	01/28/26 02:57	1
Chrysene	ND		10.1	1.22	ug/L		01/23/26 12:47	01/28/26 02:57	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		01/23/26 12:47	01/28/26 02:57	1
Dibenzofuran	ND		10.1	0.649	ug/L		01/23/26 12:47	01/28/26 02:57	1
Diethyl phthalate	ND		10.1	4.05	ug/L		01/23/26 12:47	01/28/26 02:57	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		01/23/26 12:47	01/28/26 02:57	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		01/23/26 12:47	01/28/26 02:57	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		01/23/26 12:47	01/28/26 02:57	1
Fluoranthene	ND		10.1	0.639	ug/L		01/23/26 12:47	01/28/26 02:57	1
Fluorene	ND		10.1	0.679	ug/L		01/23/26 12:47	01/28/26 02:57	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		01/23/26 12:47	01/28/26 02:57	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		01/23/26 12:47	01/28/26 02:57	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		01/23/26 12:47	01/28/26 02:57	1
Hexachloroethane	ND		10.1	0.537	ug/L		01/23/26 12:47	01/28/26 02:57	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/23/26 12:47	01/28/26 02:57	1
Isophorone	ND		10.1	0.811	ug/L		01/23/26 12:47	01/28/26 02:57	1
Naphthalene	ND		10.1	0.760	ug/L		01/23/26 12:47	01/28/26 02:57	1
Nitrobenzene	ND		10.1	0.608	ug/L		01/23/26 12:47	01/28/26 02:57	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		01/23/26 12:47	01/28/26 02:57	1
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		01/23/26 12:47	01/28/26 02:57	1

Client Sample ID: 822-MW-5

Date Collected: 01/20/26 12:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.84	ug/L		01/23/26 12:47	01/28/26 02:57	1
Phenanthrene	ND		10.1	0.750	ug/L		01/23/26 12:47	01/28/26 02:57	1
Phenol	ND		10.1	0.689	ug/L		01/23/26 12:47	01/28/26 02:57	1
Pyrene	ND		10.1	0.639	ug/L		01/23/26 12:47	01/28/26 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*	*01/23/26 12:47*	*01/28/26 02:57*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*01/23/26 12:47*	*01/28/26 02:57*	*1*
2-Fluorophenol (Surr)	*58*		*10 - 150*	*01/23/26 12:47*	*01/28/26 02:57*	*1*
Nitrobenzene-d5 (Surr)	*62*		*22 - 150*	*01/23/26 12:47*	*01/28/26 02:57*	*1*
Phenol-d5 (Surr)	*61*		*10 - 150*	*01/23/26 12:47*	*01/28/26 02:57*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*01/23/26 12:47*	*01/28/26 02:57*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**9.77**		1.00	0.767	mg/L			01/23/26 04:42	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		01/23/26 09:37	01/24/26 02:41	1
Arsenic	ND		5.00	1.32	ug/L		01/23/26 09:37	01/24/26 02:41	1
Barium	**141**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 02:41	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 02:41	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 02:41	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 02:41	1
Cobalt	ND		5.00	0.411	ug/L		01/23/26 09:37	01/24/26 02:41	1
Copper	ND		2.00	0.642	ug/L		01/23/26 09:37	01/24/26 02:41	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 02:41	1
Manganese	**98.5**		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 02:41	1
Nickel	ND		5.00	0.422	ug/L		01/23/26 09:37	01/24/26 02:41	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 02:41	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 02:41	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 02:41	1
Vanadium	**1.88**	**J**	5.00	1.22	ug/L		01/23/26 09:37	01/24/26 02:41	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 02:41	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		01/28/26 17:30	01/28/26 21:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0370**	**J**	0.0500	0.0200	mg/L			01/23/26 10:04	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			01/23/26 14:57	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: A-MW-7
Date Collected: 01/20/26 13:45
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 18:41	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 18:41	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 18:41	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 18:41	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 18:41	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 18:41	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 18:41	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 18:41	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 18:41	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 18:41	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 18:41	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 18:41	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 18:41	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 18:41	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 18:41	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 18:41	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 18:41	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 18:41	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 18:41	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 18:41	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:41	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 18:41	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:41	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 18:41	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 18:41	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 18:41	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 18:41	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 18:41	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 18:41	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 18:41	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 18:41	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 18:41	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:41	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 18:41	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 18:41	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 18:41	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 18:41	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 18:41	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 18:41	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 18:41	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 18:41	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 18:41	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 18:41	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 18:41	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 18:41	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 18:41	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 18:41	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 18:41	1

Client Sample ID: A-MW-7
Date Collected: 01/20/26 13:45
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-6
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		1.00	0.270	ug/L			01/22/26 18:41	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 18:41	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 18:41	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 18:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 18:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 18:41	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 18:41	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 18:41	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 18:41	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 18:41	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 18:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 18:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 18:41	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 18:41	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 18:41	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 18:41	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 18:41	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 18:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 18:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 18:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:41	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 18:41	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 18:41	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/22/26 18:41*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*01/22/26 18:41*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/22/26 18:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		01/26/26 13:32	01/27/26 21:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*57*		*40 - 150*	*01/26/26 13:32*	*01/27/26 21:40*	*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		01/23/26 12:47	01/28/26 03:28	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/23/26 12:47	01/28/26 03:28	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/23/26 12:47	01/28/26 03:28	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/23/26 12:47	01/28/26 03:28	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/23/26 12:47	01/28/26 03:28	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/23/26 12:47	01/28/26 03:28	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/23/26 12:47	01/28/26 03:28	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/23/26 12:47	01/28/26 03:28	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/23/26 12:47	01/28/26 03:28	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/23/26 12:47	01/28/26 03:28	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/23/26 12:47	01/28/26 03:28	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/23/26 12:47	01/28/26 03:28	1

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

Job ID: 752-41221-1

Client Sample ID: A-MW-7
Date Collected: 01/20/26 13:45
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/23/26 12:47	01/28/26 03:28	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/23/26 12:47	01/28/26 03:28	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/23/26 12:47	01/28/26 03:28	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/23/26 12:47	01/28/26 03:28	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/23/26 12:47	01/28/26 03:28	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/23/26 12:47	01/28/26 03:28	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/23/26 12:47	01/28/26 03:28	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/23/26 12:47	01/28/26 03:28	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/23/26 12:47	01/28/26 03:28	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/23/26 12:47	01/28/26 03:28	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/23/26 12:47	01/28/26 03:28	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/23/26 12:47	01/28/26 03:28	1
Acenaphthene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/28/26 03:28	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/23/26 12:47	01/28/26 03:28	1
Acetophenone	ND		10.0	3.20	ug/L		01/23/26 12:47	01/28/26 03:28	1
Anthracene	ND		10.0	0.910	ug/L		01/23/26 12:47	01/28/26 03:28	1
Atrazine	ND		10.0	1.13	ug/L		01/23/26 12:47	01/28/26 03:28	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/23/26 12:47	01/28/26 03:28	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/23/26 12:47	01/28/26 03:28	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/28/26 03:28	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/28/26 03:28	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/23/26 12:47	01/28/26 03:28	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/23/26 12:47	01/28/26 03:28	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/23/26 12:47	01/28/26 03:28	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/23/26 12:47	01/28/26 03:28	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/23/26 12:47	01/28/26 03:28	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/28/26 03:28	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/28/26 03:28	1
Caprolactam	ND		10.0	2.40	ug/L		01/23/26 12:47	01/28/26 03:28	1
Carbazole	ND		10.0	0.320	ug/L		01/23/26 12:47	01/28/26 03:28	1
Chrysene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/28/26 03:28	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/23/26 12:47	01/28/26 03:28	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/23/26 12:47	01/28/26 03:28	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/28/26 03:28	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/28/26 03:28	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/23/26 12:47	01/28/26 03:28	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/28/26 03:28	1
Fluoranthene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/28/26 03:28	1
Fluorene	ND		10.0	0.670	ug/L		01/23/26 12:47	01/28/26 03:28	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/23/26 12:47	01/28/26 03:28	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/23/26 12:47	01/28/26 03:28	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/23/26 12:47	01/28/26 03:28	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/23/26 12:47	01/28/26 03:28	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/28/26 03:28	1
Isophorone	ND		10.0	0.800	ug/L		01/23/26 12:47	01/28/26 03:28	1
Naphthalene	ND		10.0	0.750	ug/L		01/23/26 12:47	01/28/26 03:28	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/23/26 12:47	01/28/26 03:28	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/23/26 12:47	01/28/26 03:28	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/23/26 12:47	01/28/26 03:28	1

Client Sample ID: A-MW-7
Date Collected: 01/20/26 13:45
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		01/23/26 12:47	01/28/26 03:28	1
Phenanthrene	ND		10.0	0.740	ug/L		01/23/26 12:47	01/28/26 03:28	1
Phenol	ND		10.0	0.680	ug/L		01/23/26 12:47	01/28/26 03:28	1
Pyrene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/28/26 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*01/23/26 12:47*	*01/28/26 03:28*	*1*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*	*01/23/26 12:47*	*01/28/26 03:28*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 150*	*01/23/26 12:47*	*01/28/26 03:28*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*01/23/26 12:47*	*01/28/26 03:28*	*1*
Phenol-d5 (Surr)	*68*		*10 - 150*	*01/23/26 12:47*	*01/28/26 03:28*	*1*
Terphenyl-d14 (Surr)	*37*		*28 - 150*	*01/23/26 12:47*	*01/28/26 03:28*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**407**		10.0	7.67	mg/L			01/23/26 15:57	10

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		01/23/26 09:37	01/24/26 03:00	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/23/26 09:37	01/24/26 03:00	1
Barium	**29.5**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 03:00	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 03:00	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 03:00	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 03:00	1
Cobalt	**0.480**	**J**	5.00	0.411	ug/L		01/23/26 09:37	01/24/26 03:00	1
Copper	**0.901**	**J**	2.00	0.642	ug/L		01/23/26 09:37	01/24/26 03:00	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 03:00	1
Manganese	**4.70**	**J**	5.00	1.29	ug/L		01/23/26 09:37	01/24/26 03:00	1
Nickel	**0.634**	**J**	5.00	0.422	ug/L		01/23/26 09:37	01/24/26 03:00	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 03:00	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 03:00	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 03:00	1
Vanadium	**1.82**	**J**	5.00	1.22	ug/L		01/23/26 09:37	01/24/26 03:00	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 03:00	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		01/28/26 17:30	01/28/26 21:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 10:05	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.160**		0.100	0.0100	mg/L			01/23/26 15:00	1
Nitrate as N (SM Nitrate by calc)	**0.160**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: A-MW-8
Date Collected: 01/20/26 14:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/27/26 18:48	1
Benzene	ND		1.00	0.200	ug/L			01/27/26 18:48	1
Bromobenzene	ND		1.00	0.222	ug/L			01/27/26 18:48	1
Bromoform	ND		1.00	0.458	ug/L			01/27/26 18:48	1
Bromomethane	ND		1.00	0.470	ug/L			01/27/26 18:48	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/27/26 18:48	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/27/26 18:48	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/27/26 18:48	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/27/26 18:48	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/27/26 18:48	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/27/26 18:48	1
Chloroethane	ND		1.00	0.374	ug/L			01/27/26 18:48	1
Chloroform	ND		1.00	0.216	ug/L			01/27/26 18:48	1
Chloromethane	ND	*+	1.00	0.371	ug/L			01/27/26 18:48	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/27/26 18:48	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/27/26 18:48	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/27/26 18:48	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/27/26 18:48	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/27/26 18:48	1
Dibromomethane	ND		1.00	0.318	ug/L			01/27/26 18:48	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/27/26 18:48	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/27/26 18:48	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/27/26 18:48	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/27/26 18:48	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/27/26 18:48	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/27/26 18:48	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/27/26 18:48	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/27/26 18:48	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/27/26 18:48	1
2,2-Dichloropropane	ND	*+	1.00	0.286	ug/L			01/27/26 18:48	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/27/26 18:48	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/27/26 18:48	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/27/26 18:48	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/27/26 18:48	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/27/26 18:48	1
Hexane	ND		10.0	3.63	ug/L			01/27/26 18:48	1
2-Hexanone	ND		10.0	3.47	ug/L			01/27/26 18:48	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 13:16	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/27/26 18:48	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/27/26 18:48	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/27/26 18:48	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/27/26 18:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/27/26 18:48	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/27/26 18:48	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/27/26 18:48	1
Naphthalene	ND		2.00	1.56	ug/L			01/27/26 18:48	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/27/26 18:48	1
n-Heptane	ND		10.0	3.05	ug/L			01/27/26 18:48	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/27/26 18:48	1

Client Sample ID: A-MW-8
Date Collected: 01/20/26 14:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-7
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		1.00	0.270	ug/L			01/27/26 18:48	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/27/26 18:48	1
Styrene	ND		1.00	0.194	ug/L			01/27/26 18:48	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/27/26 18:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/27/26 18:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/27/26 18:48	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/27/26 18:48	1
Toluene	ND		1.00	0.197	ug/L			01/27/26 18:48	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/27/26 18:48	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/27/26 18:48	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/27/26 18:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/27/26 18:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/27/26 18:48	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/27/26 18:48	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/27/26 18:48	1
Trichloroethene	ND		1.00	0.211	ug/L			01/27/26 18:48	1
Trichlorofluoromethane	ND	*+	1.00	0.399	ug/L			01/27/26 18:48	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/27/26 18:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/27/26 18:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/27/26 18:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/27/26 18:48	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/27/26 18:48	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/27/26 18:48	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/27/26 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 126*		*01/27/26 18:48*	*1*
4-Bromofluorobenzene	*107*		*70 - 126*		*01/28/26 13:16*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*01/27/26 18:48*	*1*
Dibromofluoromethane	*120*		*77 - 121*		*01/28/26 13:16*	*1*
Toluene-d8 (Surr)	*104*		*79 - 119*		*01/27/26 18:48*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 13:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/26/26 13:32	01/27/26 22:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*40 - 150*	*01/26/26 13:32*	*01/27/26 22:10*	*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		10.2	0.429	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		01/23/26 12:47	01/28/26 04:00	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		01/23/26 12:47	01/28/26 04:00	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		01/23/26 12:47	01/28/26 04:00	1

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

Job ID: 752-41221-1

Client Sample ID: A-MW-8
Date Collected: 01/20/26 14:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.2	0.857	ug/L		01/23/26 12:47	01/28/26 04:00	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		01/23/26 12:47	01/28/26 04:00	1
2-Methylphenol	ND		10.2	0.776	ug/L		01/23/26 12:47	01/28/26 04:00	1
2-Nitroaniline	ND		10.2	1.40	ug/L		01/23/26 12:47	01/28/26 04:00	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/23/26 12:47	01/28/26 04:00	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		01/23/26 12:47	01/28/26 04:00	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		01/23/26 12:47	01/28/26 04:00	1
3-Nitroaniline	ND		10.2	0.969	ug/L		01/23/26 12:47	01/28/26 04:00	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		01/23/26 12:47	01/28/26 04:00	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		01/23/26 12:47	01/28/26 04:00	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		01/23/26 12:47	01/28/26 04:00	1
4-Chloroaniline	ND		10.2	0.592	ug/L		01/23/26 12:47	01/28/26 04:00	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		01/23/26 12:47	01/28/26 04:00	1
4-Nitroaniline	ND		10.2	3.57	ug/L		01/23/26 12:47	01/28/26 04:00	1
4-Nitrophenol	ND		10.2	2.80	ug/L		01/23/26 12:47	01/28/26 04:00	1
Acenaphthene	ND		10.2	0.643	ug/L		01/23/26 12:47	01/28/26 04:00	1
Acenaphthylene	ND		10.2	0.776	ug/L		01/23/26 12:47	01/28/26 04:00	1
Acetophenone	ND		10.2	3.27	ug/L		01/23/26 12:47	01/28/26 04:00	1
Anthracene	ND		10.2	0.929	ug/L		01/23/26 12:47	01/28/26 04:00	1
Atrazine	ND		10.2	1.15	ug/L		01/23/26 12:47	01/28/26 04:00	1
Benzaldehyde	ND		10.2	0.684	ug/L		01/23/26 12:47	01/28/26 04:00	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/23/26 12:47	01/28/26 04:00	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/23/26 12:47	01/28/26 04:00	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/23/26 12:47	01/28/26 04:00	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/23/26 12:47	01/28/26 04:00	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/23/26 12:47	01/28/26 04:00	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		01/23/26 12:47	01/28/26 04:00	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		01/23/26 12:47	01/28/26 04:00	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		01/23/26 12:47	01/28/26 04:00	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		01/23/26 12:47	01/28/26 04:00	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		01/23/26 12:47	01/28/26 04:00	1
Caprolactam	ND		10.2	2.45	ug/L		01/23/26 12:47	01/28/26 04:00	1
Carbazole	ND		10.2	0.327	ug/L		01/23/26 12:47	01/28/26 04:00	1
Chrysene	ND		10.2	1.22	ug/L		01/23/26 12:47	01/28/26 04:00	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		01/23/26 12:47	01/28/26 04:00	1
Dibenzofuran	ND		10.2	0.653	ug/L		01/23/26 12:47	01/28/26 04:00	1
Diethyl phthalate	ND		10.2	4.08	ug/L		01/23/26 12:47	01/28/26 04:00	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		01/23/26 12:47	01/28/26 04:00	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		01/23/26 12:47	01/28/26 04:00	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		01/23/26 12:47	01/28/26 04:00	1
Fluoranthene	ND		10.2	0.643	ug/L		01/23/26 12:47	01/28/26 04:00	1
Fluorene	ND		10.2	0.684	ug/L		01/23/26 12:47	01/28/26 04:00	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		01/23/26 12:47	01/28/26 04:00	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		01/23/26 12:47	01/28/26 04:00	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		01/23/26 12:47	01/28/26 04:00	1
Hexachloroethane	ND		10.2	0.541	ug/L		01/23/26 12:47	01/28/26 04:00	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/23/26 12:47	01/28/26 04:00	1
Isophorone	ND		10.2	0.816	ug/L		01/23/26 12:47	01/28/26 04:00	1
Naphthalene	ND		10.2	0.765	ug/L		01/23/26 12:47	01/28/26 04:00	1

Client Sample ID: A-MW-8
Date Collected: 01/20/26 14:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.2	0.612	ug/L		01/23/26 12:47	01/28/26 04:00	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		01/23/26 12:47	01/28/26 04:00	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		01/23/26 12:47	01/28/26 04:00	1
Pentachlorophenol	ND		10.2	2.86	ug/L		01/23/26 12:47	01/28/26 04:00	1
Phenanthrene	ND		10.2	0.755	ug/L		01/23/26 12:47	01/28/26 04:00	1
Phenol	ND		10.2	0.694	ug/L		01/23/26 12:47	01/28/26 04:00	1
Pyrene	ND		10.2	0.643	ug/L		01/23/26 12:47	01/28/26 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 150*	*01/23/26 12:47*	*01/28/26 04:00*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*01/23/26 12:47*	*01/28/26 04:00*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 150*	*01/23/26 12:47*	*01/28/26 04:00*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*01/23/26 12:47*	*01/28/26 04:00*	*1*
Phenol-d5 (Surr)	*44*		*10 - 150*	*01/23/26 12:47*	*01/28/26 04:00*	*1*
Terphenyl-d14 (Surr)	*42*		*28 - 150*	*01/23/26 12:47*	*01/28/26 04:00*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**177**		10.0	7.67	mg/L			01/23/26 20:13	10

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		01/23/26 09:37	01/24/26 03:03	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/23/26 09:37	01/24/26 03:03	1
Barium	**42.2**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 03:03	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 03:03	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 03:03	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 03:03	1
Cobalt	**1.35**	**J**	5.00	0.411	ug/L		01/23/26 09:37	01/24/26 03:03	1
Copper	**1.22**	**J**	2.00	0.642	ug/L		01/23/26 09:37	01/24/26 03:03	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 03:03	1
Manganese	**15.3**		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 03:03	1
Nickel	**0.547**	**J**	5.00	0.422	ug/L		01/23/26 09:37	01/24/26 03:03	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 03:03	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 03:03	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 03:03	1
Vanadium	**5.08**		5.00	1.22	ug/L		01/23/26 09:37	01/24/26 03:03	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 03:03	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		01/28/26 17:30	01/28/26 22:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 10:07	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.87**		0.500	0.0500	mg/L			01/23/26 15:02	5
Nitrate as N (SM Nitrate by calc)	**3.87**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: 822-A-MW-9
Date Collected: 01/20/26 14:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 19:31	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 19:31	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 19:31	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 19:31	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 19:31	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 19:31	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 19:31	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 19:31	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 19:31	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 19:31	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 19:31	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 19:31	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 19:31	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 19:31	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 19:31	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 19:31	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 19:31	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 19:31	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 19:31	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 19:31	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:31	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 19:31	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:31	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 19:31	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 19:31	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 19:31	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 19:31	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 19:31	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 19:31	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 19:31	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 19:31	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 19:31	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:31	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 19:31	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 19:31	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 19:31	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 19:31	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 19:31	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 19:31	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 19:31	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 19:31	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 19:31	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 19:31	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 19:31	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 19:31	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 19:31	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 19:31	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 19:31	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 19:31	1

Client Sample ID: 822-A-MW-9
Date Collected: 01/20/26 14:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-8
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		1.00	0.270	ug/L			01/22/26 19:31	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 19:31	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 19:31	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 19:31	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 19:31	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 19:31	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 19:31	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 19:31	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 19:31	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 19:31	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 19:31	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 19:31	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 19:31	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 19:31	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 19:31	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 19:31	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 19:31	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 19:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 19:31	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 19:31	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:31	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 19:31	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 19:31	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*01/22/26 19:31*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*01/22/26 19:31*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/22/26 19:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.304	0.304	ug/L		01/26/26 13:32	01/27/26 22:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*66*		*40 - 150*	*01/26/26 13:32*	*01/27/26 22:39*	*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		01/23/26 12:47	01/28/26 04:32	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		01/23/26 12:47	01/28/26 04:32	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		01/23/26 12:47	01/28/26 04:32	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		01/23/26 12:47	01/28/26 04:32	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		01/23/26 12:47	01/28/26 04:32	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		01/23/26 12:47	01/28/26 04:32	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		01/23/26 12:47	01/28/26 04:32	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		01/23/26 12:47	01/28/26 04:32	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		01/23/26 12:47	01/28/26 04:32	1
2-Chlorophenol	ND		9.97	0.837	ug/L		01/23/26 12:47	01/28/26 04:32	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		01/23/26 12:47	01/28/26 04:32	1
2-Methylphenol	ND		9.97	0.757	ug/L		01/23/26 12:47	01/28/26 04:32	1

Client Sample ID: 822-A-MW-9
Date Collected: 01/20/26 14:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		01/23/26 12:47	01/28/26 04:32	1
2-Nitrophenol	ND		9.97	1.17	ug/L		01/23/26 12:47	01/28/26 04:32	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		01/23/26 12:47	01/28/26 04:32	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		01/23/26 12:47	01/28/26 04:32	1
3-Nitroaniline	ND		9.97	0.947	ug/L		01/23/26 12:47	01/28/26 04:32	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		01/23/26 12:47	01/28/26 04:32	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		01/23/26 12:47	01/28/26 04:32	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		01/23/26 12:47	01/28/26 04:32	1
4-Chloroaniline	ND		9.97	0.578	ug/L		01/23/26 12:47	01/28/26 04:32	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		01/23/26 12:47	01/28/26 04:32	1
4-Nitroaniline	ND		9.97	3.49	ug/L		01/23/26 12:47	01/28/26 04:32	1
4-Nitrophenol	ND		9.97	2.73	ug/L		01/23/26 12:47	01/28/26 04:32	1
Acenaphthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/28/26 04:32	1
Acenaphthylene	ND		9.97	0.757	ug/L		01/23/26 12:47	01/28/26 04:32	1
Acetophenone	ND		9.97	3.19	ug/L		01/23/26 12:47	01/28/26 04:32	1
Anthracene	ND		9.97	0.907	ug/L		01/23/26 12:47	01/28/26 04:32	1
Atrazine	ND		9.97	1.13	ug/L		01/23/26 12:47	01/28/26 04:32	1
Benzaldehyde	ND		9.97	0.668	ug/L		01/23/26 12:47	01/28/26 04:32	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		01/23/26 12:47	01/28/26 04:32	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/28/26 04:32	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/28/26 04:32	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/28/26 04:32	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/28/26 04:32	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		01/23/26 12:47	01/28/26 04:32	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		01/23/26 12:47	01/28/26 04:32	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		01/23/26 12:47	01/28/26 04:32	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 04:32	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 04:32	1
Caprolactam	ND		9.97	2.39	ug/L		01/23/26 12:47	01/28/26 04:32	1
Carbazole	ND		9.97	0.319	ug/L		01/23/26 12:47	01/28/26 04:32	1
Chrysene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/28/26 04:32	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		01/23/26 12:47	01/28/26 04:32	1
Dibenzofuran	ND		9.97	0.638	ug/L		01/23/26 12:47	01/28/26 04:32	1
Diethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 04:32	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 04:32	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		01/23/26 12:47	01/28/26 04:32	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/28/26 04:32	1
Fluoranthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/28/26 04:32	1
Fluorene	ND		9.97	0.668	ug/L		01/23/26 12:47	01/28/26 04:32	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		01/23/26 12:47	01/28/26 04:32	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		01/23/26 12:47	01/28/26 04:32	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		01/23/26 12:47	01/28/26 04:32	1
Hexachloroethane	ND		9.97	0.528	ug/L		01/23/26 12:47	01/28/26 04:32	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/28/26 04:32	1
Isophorone	ND		9.97	0.797	ug/L		01/23/26 12:47	01/28/26 04:32	1
Naphthalene	ND		9.97	0.748	ug/L		01/23/26 12:47	01/28/26 04:32	1
Nitrobenzene	ND		9.97	0.598	ug/L		01/23/26 12:47	01/28/26 04:32	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		01/23/26 12:47	01/28/26 04:32	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		01/23/26 12:47	01/28/26 04:32	1

Client Sample ID: 822-A-MW-9

Date Collected: 01/20/26 14:35
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		01/23/26 12:47	01/28/26 04:32	1
Phenanthrene	ND		9.97	0.738	ug/L		01/23/26 12:47	01/28/26 04:32	1
Phenol	ND		9.97	0.678	ug/L		01/23/26 12:47	01/28/26 04:32	1
Pyrene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/28/26 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*01/23/26 12:47*	*01/28/26 04:32*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*01/23/26 12:47*	*01/28/26 04:32*	*1*
2-Fluorophenol (Surr)	*50*		*10 - 150*	*01/23/26 12:47*	*01/28/26 04:32*	*1*
Nitrobenzene-d5 (Surr)	*69*		*22 - 150*	*01/23/26 12:47*	*01/28/26 04:32*	*1*
Phenol-d5 (Surr)	*45*		*10 - 150*	*01/23/26 12:47*	*01/28/26 04:32*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*01/23/26 12:47*	*01/28/26 04:32*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**44.6**		1.00	0.767	mg/L			01/23/26 05:16	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		01/23/26 09:37	01/24/26 03:06	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/23/26 09:37	01/24/26 03:06	1
Barium	**98.4**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 03:06	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 03:06	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 03:06	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 03:06	1
Cobalt	**0.683**	**J**	5.00	0.411	ug/L		01/23/26 09:37	01/24/26 03:06	1
Copper	ND		2.00	0.642	ug/L		01/23/26 09:37	01/24/26 03:06	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 03:06	1
Manganese	**1980**		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 03:06	1
Nickel	**2.12**	**J**	5.00	0.422	ug/L		01/23/26 09:37	01/24/26 03:06	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 03:06	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 03:06	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 03:06	1
Vanadium	ND		5.00	1.22	ug/L		01/23/26 09:37	01/24/26 03:06	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 03:06	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		01/28/26 17:30	01/28/26 22:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 10:09	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0780**	**J**	0.100	0.0100	mg/L			01/23/26 15:04	1
Nitrate as N (SM Nitrate by calc)	**0.0780**	**J**	0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-Dup-2
Date Collected: 01/20/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 20:29	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 20:29	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 20:29	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 20:29	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 20:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 20:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 20:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 20:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 20:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 20:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 20:29	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 20:29	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 20:29	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 20:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 20:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 20:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 20:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 20:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 20:29	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 20:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 20:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 20:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 20:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 20:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 20:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 20:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 20:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 20:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 20:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 20:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 20:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 20:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 20:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 20:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 20:29	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 20:29	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 20:29	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 20:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 20:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 20:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 20:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 20:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 20:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 20:29	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 20:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 20:29	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 20:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 20:29	1

Client Sample ID: 822-MW-Dup-2
Date Collected: 01/20/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-9
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		1.00	0.270	ug/L			01/22/26 20:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 20:29	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 20:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 20:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 20:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 20:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 20:29	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 20:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 20:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 20:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 20:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 20:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 20:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 20:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 20:29	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 20:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 20:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 20:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 20:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 20:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 20:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 20:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 126*		*01/22/26 20:29*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*01/22/26 20:29*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/22/26 20:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.296	0.296	ug/L		01/26/26 13:32	01/27/26 23:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*52*		*40 - 150*	*01/26/26 13:32*	*01/27/26 23:09*	*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		10.2	0.427	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		01/23/26 12:47	01/28/26 05:04	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		01/23/26 12:47	01/28/26 05:04	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		01/23/26 12:47	01/28/26 05:04	1
2-Chlorophenol	ND		10.2	0.854	ug/L		01/23/26 12:47	01/28/26 05:04	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		01/23/26 12:47	01/28/26 05:04	1
2-Methylphenol	ND		10.2	0.773	ug/L		01/23/26 12:47	01/28/26 05:04	1

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-Dup-2
Date Collected: 01/20/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.39	ug/L		01/23/26 12:47	01/28/26 05:04	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/23/26 12:47	01/28/26 05:04	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		01/23/26 12:47	01/28/26 05:04	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		01/23/26 12:47	01/28/26 05:04	1
3-Nitroaniline	ND		10.2	0.966	ug/L		01/23/26 12:47	01/28/26 05:04	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		01/23/26 12:47	01/28/26 05:04	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		01/23/26 12:47	01/28/26 05:04	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		01/23/26 12:47	01/28/26 05:04	1
4-Chloroaniline	ND		10.2	0.590	ug/L		01/23/26 12:47	01/28/26 05:04	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		01/23/26 12:47	01/28/26 05:04	1
4-Nitroaniline	ND		10.2	3.56	ug/L		01/23/26 12:47	01/28/26 05:04	1
4-Nitrophenol	ND		10.2	2.79	ug/L		01/23/26 12:47	01/28/26 05:04	1
Acenaphthene	ND		10.2	0.641	ug/L		01/23/26 12:47	01/28/26 05:04	1
Acenaphthylene	ND		10.2	0.773	ug/L		01/23/26 12:47	01/28/26 05:04	1
Acetophenone	ND		10.2	3.25	ug/L		01/23/26 12:47	01/28/26 05:04	1
Anthracene	ND		10.2	0.925	ug/L		01/23/26 12:47	01/28/26 05:04	1
Atrazine	ND		10.2	1.15	ug/L		01/23/26 12:47	01/28/26 05:04	1
Benzaldehyde	ND		10.2	0.681	ug/L		01/23/26 12:47	01/28/26 05:04	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/23/26 12:47	01/28/26 05:04	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/23/26 12:47	01/28/26 05:04	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/23/26 12:47	01/28/26 05:04	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/23/26 12:47	01/28/26 05:04	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/23/26 12:47	01/28/26 05:04	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		01/23/26 12:47	01/28/26 05:04	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		01/23/26 12:47	01/28/26 05:04	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		01/23/26 12:47	01/28/26 05:04	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		01/23/26 12:47	01/28/26 05:04	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		01/23/26 12:47	01/28/26 05:04	1
Caprolactam	ND		10.2	2.44	ug/L		01/23/26 12:47	01/28/26 05:04	1
Carbazole	ND		10.2	0.325	ug/L		01/23/26 12:47	01/28/26 05:04	1
Chrysene	ND		10.2	1.22	ug/L		01/23/26 12:47	01/28/26 05:04	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		01/23/26 12:47	01/28/26 05:04	1
Dibenzofuran	ND		10.2	0.651	ug/L		01/23/26 12:47	01/28/26 05:04	1
Diethyl phthalate	ND		10.2	4.07	ug/L		01/23/26 12:47	01/28/26 05:04	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		01/23/26 12:47	01/28/26 05:04	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		01/23/26 12:47	01/28/26 05:04	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		01/23/26 12:47	01/28/26 05:04	1
Fluoranthene	ND		10.2	0.641	ug/L		01/23/26 12:47	01/28/26 05:04	1
Fluorene	ND		10.2	0.681	ug/L		01/23/26 12:47	01/28/26 05:04	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		01/23/26 12:47	01/28/26 05:04	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		01/23/26 12:47	01/28/26 05:04	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		01/23/26 12:47	01/28/26 05:04	1
Hexachloroethane	ND		10.2	0.539	ug/L		01/23/26 12:47	01/28/26 05:04	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/23/26 12:47	01/28/26 05:04	1
Isophorone	ND		10.2	0.814	ug/L		01/23/26 12:47	01/28/26 05:04	1
Naphthalene	ND		10.2	0.763	ug/L		01/23/26 12:47	01/28/26 05:04	1
Nitrobenzene	ND		10.2	0.610	ug/L		01/23/26 12:47	01/28/26 05:04	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		01/23/26 12:47	01/28/26 05:04	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		01/23/26 12:47	01/28/26 05:04	1

Client Sample ID: 822-MW-Dup-2
Date Collected: 01/20/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41221-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.85	ug/L		01/23/26 12:47	01/28/26 05:04	1
Phenanthrene	ND		10.2	0.753	ug/L		01/23/26 12:47	01/28/26 05:04	1
Phenol	ND		10.2	0.692	ug/L		01/23/26 12:47	01/28/26 05:04	1
Pyrene	ND		10.2	0.641	ug/L		01/23/26 12:47	01/28/26 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*01/23/26 12:47*	*01/28/26 05:04*	*1*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*	*01/23/26 12:47*	*01/28/26 05:04*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 150*	*01/23/26 12:47*	*01/28/26 05:04*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 150*	*01/23/26 12:47*	*01/28/26 05:04*	*1*
Phenol-d5 (Surr)	*49*		*10 - 150*	*01/23/26 12:47*	*01/28/26 05:04*	*1*
Terphenyl-d14 (Surr)	*37*		*28 - 150*	*01/23/26 12:47*	*01/28/26 05:04*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**33.5**		1.00	0.767	mg/L			01/23/26 06:01	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		01/23/26 09:37	01/24/26 03:09	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/23/26 09:37	01/24/26 03:09	1
Barium	**334**		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 14:08	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 03:09	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 03:09	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 03:09	1
Cobalt	ND		5.00	0.411	ug/L		01/23/26 09:37	01/24/26 03:09	1
Copper	**1.59**	**J**	2.00	0.642	ug/L		01/23/26 09:37	01/24/26 03:09	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 03:09	1
Manganese	**49.0**		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 14:08	1
Nickel	**0.640**	**J**	5.00	0.422	ug/L		01/23/26 09:37	01/24/26 03:09	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 03:09	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 03:09	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 03:09	1
Vanadium	**10.6**		5.00	1.22	ug/L		01/23/26 09:37	01/24/26 14:08	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 03:09	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		01/28/26 17:30	01/28/26 22:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 10:11	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**3.75**		0.200	0.0200	mg/L			01/23/26 15:06	2
Nitrate as N (SM Nitrate by calc)	**3.75**		0.100	0.0100	mg/L			01/28/26 14:13	1

Surrogate Summary

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

Job ID: 752-41221-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB	DBFM	TOL							
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)							
752-41221-1	822-MW-1	98	105	100							
752-41221-2	822-MW-2	99	104	98							
752-41221-3	822-MW-3	98	101	100							
752-41221-4	822-MW-4	99	100	99							
752-41221-5	822-MW-5	99	100	99							
752-41221-6	A-MW-7	95	102	97							
752-41221-7	A-MW-8	103	113	104							
752-41221-7	A-MW-8	107	120	97							
752-41221-8	822-A-MW-9	92	102	97							
752-41221-9	822-MW-Dup-2	96	105	98							
LCS 705-109350/1002	Lab Control Sample	104	104	99							
LCS 705-109350/1003	Lab Control Sample	98	109	99							
LCS 705-109417/1002	Lab Control Sample	87	98	95							
LCS 705-109417/1003	Lab Control Sample	104	95	98							
LCS 705-109715/1002	Lab Control Sample	103	100	97							
LCS 705-109715/1003	Lab Control Sample	108	98	99							
LCS 705-110203/1003	Lab Control Sample	105	113	102							
LCS 705-110203/4	Lab Control Sample	106	111	103							
LCS 705-110454/1003	Lab Control Sample	104	112	98							
LCS 705-110454/1004	Lab Control Sample	108	118	98							
MB 705-109350/7	Method Blank	101	110	99							
MB 705-109417/6	Method Blank	92	104	98							
MB 705-109715/8	Method Blank	105	100	96							
MB 705-110203/8	Method Blank	101	115	103							
MB 705-110454/8	Method Blank	106	118	97							

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

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)		
752-41221-1	822-MW-1	77	71	57	68	53	47		
752-41221-2	822-MW-2	79	65	42	66	44	40		
752-41221-3	822-MW-3	71	69	57	67	55	40		
752-41221-4	822-MW-4	72	65	60	65	62	37		
752-41221-5	822-MW-5	71	66	58	62	61	44		
752-41221-6	A-MW-7	69	63	64	63	68	37		
752-41221-7	A-MW-8	75	71	49	70	44	42		
752-41221-8	822-A-MW-9	76	71	50	69	45	44		
752-41221-9	822-MW-Dup-2	66	67	52	64	49	37		
LCS 400-737264/2-A	Lab Control Sample	83	69	70	68	83	66		
LCSD 400-737264/3-A	Lab Control Sample Dup	89	71	60	75	61	67		
MB 400-737264/1-A	Method Blank	77	66	68	69	75	63		

Surrogate Legend

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41221-1
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: 752-41221-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(40-150)						
752-41221-1	822-MW-1	51						
752-41221-2	822-MW-2	65						
752-41221-3	822-MW-3	60						
752-41221-4	822-MW-4	60						
752-41221-5	822-MW-5	45						
752-41221-6	A-MW-7	57						
752-41221-7	A-MW-8	47						
752-41221-8	822-A-MW-9	66						
752-41221-9	822-MW-Dup-2	52						
MB 400-737418/1-A	Method Blank	60						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(30-150)						
LCS 400-737418/2-A	Lab Control Sample	62						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-109350/7
Matrix: Water
Analysis Batch: 109350

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 12:02	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 12:02	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 12:02	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 12:02	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 12:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 12:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 12:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 12:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 12:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 12:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 12:02	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 12:02	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 12:02	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 12:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 12:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 12:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 12:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 12:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 12:02	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 12:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 12:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 12:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 12:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 12:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 12:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 12:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 12:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 12:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 12:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 12:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 12:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 12:02	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 12:02	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 12:02	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 12:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 12:02	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 12:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 12:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 12:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 12:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 12:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 12:02	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 12:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 12:02	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 12:02	1

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

Lab Sample ID: MB 705-109350/7
Matrix: Water
Analysis Batch: 109350

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	0.239	ug/L			01/22/26 12:02	1
o-Xylene	ND		1.00	0.270	ug/L			01/22/26 12:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 12:02	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 12:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 12:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 12:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 12:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 12:02	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 12:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 12:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 12:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 12:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 12:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 12:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 12:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 12:02	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 12:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 12:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 12:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 12:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 12:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:02	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 12:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 12:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 12:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*01/22/26 12:02*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*01/22/26 12:02*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/22/26 12:02*	*1*

Lab Sample ID: LCS 705-109350/1002
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	29.50		ug/L		74	62 - 136
Benzene	20.0	19.47		ug/L		97	76 - 122
Bromobenzene	20.0	18.74		ug/L		94	77 - 125
Bromoform	20.0	20.38		ug/L		102	65 - 129
Bromomethane	20.0	16.37		ug/L		82	60 - 138
2-Butanone (MEK)	40.0	34.50		ug/L		86	74 - 131
Carbon disulfide	20.0	16.60		ug/L		83	71 - 122
Carbon tetrachloride	20.0	24.61		ug/L		123	72 - 131
Chlorobenzene	20.0	20.37		ug/L		102	75 - 121
Chlorobromomethane	20.0	17.71		ug/L		89	77 - 120
Chlorodibromomethane	20.0	20.78		ug/L		104	70 - 131
Chloroethane	20.0	18.58		ug/L		93	55 - 138

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

Lab Sample ID: LCS 705-109350/1002
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	20.20		ug/L		101	73 - 121
Chloromethane	20.0	22.91		ug/L		115	57 - 129
2-Chlorotoluene	20.0	20.24		ug/L		101	75 - 123
4-Chlorotoluene	20.0	21.23		ug/L		106	76 - 124
cis-1,2-Dichloroethene	20.0	18.15		ug/L		91	76 - 121
cis-1,3-Dichloropropene	20.0	20.70		ug/L		104	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.09		ug/L		95	64 - 125
Dibromomethane	20.0	20.03		ug/L		100	70 - 130
1,2-Dichlorobenzene	20.0	19.98		ug/L		100	69 - 127
1,3-Dichlorobenzene	20.0	20.07		ug/L		100	68 - 128
1,4-Dichlorobenzene	20.0	19.78		ug/L		99	68 - 126
Dichlorobromomethane	20.0	21.89		ug/L		109	70 - 124
1,1-Dichloroethane	20.0	18.20		ug/L		91	65 - 126
1,2-Dichloroethane	20.0	22.37		ug/L		112	72 - 127
1,1-Dichloroethene	20.0	17.90		ug/L		89	69 - 130
1,2-Dichloropropane	20.0	18.89		ug/L		94	71 - 121
1,3-Dichloropropane	20.0	19.60		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	23.80		ug/L		119	71 - 131
1,1-Dichloropropene	20.0	19.76		ug/L		99	74 - 129
Ethylbenzene	20.0	21.35		ug/L		107	75 - 127
Ethylene Dibromide	20.0	19.58		ug/L		98	68 - 133
Hexachlorobutadiene	20.0	21.78		ug/L		109	65 - 137
Hexane	20.0	17.85		ug/L		89	25 - 150
2-Hexanone	40.0	38.97		ug/L		97	70 - 130
Iodomethane	20.0	10.93		ug/L		55	50 - 150
Isopropylbenzene	20.0	20.65		ug/L		103	76 - 125
4-Isopropyltoluene	20.0	22.38		ug/L		112	78 - 126
Methylene Chloride	20.0	17.20		ug/L		86	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	39.68		ug/L		99	76 - 122
Methyl tert-butyl ether	20.0	19.24		ug/L		96	76 - 123
m-Xylene & p-Xylene	20.0	20.76		ug/L		104	76 - 128
Naphthalene	20.0	17.41		ug/L		87	67 - 129
n-Butylbenzene	20.0	22.34		ug/L		112	71 - 131
n-Heptane	20.0	18.90		ug/L		94	25 - 150
N-Propylbenzene	20.0	20.33		ug/L		102	75 - 127
o-Xylene	20.0	22.00		ug/L		110	78 - 124
sec-Butylbenzene	20.0	21.00		ug/L		105	74 - 127
Styrene	20.0	22.34		ug/L		112	71 - 129
tert-Butylbenzene	20.0	21.45		ug/L		107	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.21		ug/L		111	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.24		ug/L		91	73 - 127
Tetrachloroethene	20.0	20.34		ug/L		102	74 - 129
Toluene	20.0	20.17		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.44		ug/L		82	50 - 150
trans-1,2-Dichloroethene	20.0	19.00		ug/L		95	74 - 124
trans-1,3-Dichloropropene	20.0	21.46		ug/L		107	59 - 135
1,2,3-Trichlorobenzene	20.0	18.44		ug/L		92	65 - 130
1,2,4-Trichlorobenzene	20.0	18.82		ug/L		94	65 - 131
1,1,1-Trichloroethane	20.0	22.27		ug/L		111	71 - 124

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

Lab Sample ID: LCS 705-109350/1002
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	19.13		ug/L		96	69 - 127
Trichloroethene	20.0	19.81		ug/L		99	72 - 129
Trichlorofluoromethane	20.0	25.93		ug/L		130	63 - 142
1,2,3-Trichloropropane	20.0	19.53		ug/L		98	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.65		ug/L		88	74 - 122
1,2,4-Trimethylbenzene	20.0	21.70		ug/L		108	80 - 123
1,3,5-Trimethylbenzene	20.0	21.43		ug/L		107	79 - 124
Vinyl acetate	40.0	36.81		ug/L		92	50 - 150
Vinyl chloride	20.0	22.15		ug/L		111	65 - 132
Xylenes, Total	40.0	42.76		ug/L		107	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: LCS 705-109350/1003
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	40.0	33.98		ug/L		85	25 - 150
Isopropyl ether	20.0	17.54		ug/L		88	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 126*
Dibromofluoromethane	*109*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: MB 705-109417/6
Matrix: Water
Analysis Batch: 109417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 12:51	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 12:51	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 12:51	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 12:51	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 12:51	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 12:51	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 12:51	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 12:51	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 12:51	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 12:51	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 12:51	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 12:51	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 12:51	1

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

Lab Sample ID: MB 705-109417/6
Matrix: Water
Analysis Batch: 109417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 12:51	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 12:51	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 12:51	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 12:51	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 12:51	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 12:51	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 12:51	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:51	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 12:51	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:51	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 12:51	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 12:51	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 12:51	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 12:51	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 12:51	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 12:51	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 12:51	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 12:51	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 12:51	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:51	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 12:51	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 12:51	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 12:51	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 12:51	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 12:51	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 12:51	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 12:51	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 12:51	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 12:51	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 12:51	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 12:51	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 12:51	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 12:51	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 12:51	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 12:51	1
o-Xylene	ND		1.00	0.270	ug/L			01/22/26 12:51	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 12:51	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 12:51	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 12:51	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 12:51	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 12:51	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 12:51	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 12:51	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 12:51	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 12:51	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 12:51	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 12:51	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 12:51	1

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

Lab Sample ID: MB 705-109417/6
Matrix: Water
Analysis Batch: 109417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 12:51	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 12:51	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 12:51	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 12:51	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 12:51	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 12:51	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:51	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 12:51	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 12:51	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*01/22/26 12:51*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*01/22/26 12:51*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/22/26 12:51*	*1*

Lab Sample ID: LCS 705-109417/1002
Matrix: Water
Analysis Batch: 109417

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	43.04		ug/L		108	25 - 150		
Isopropyl ether			20.0	20.51		ug/L		103	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*87*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

Lab Sample ID: LCS 705-109417/1003
Matrix: Water
Analysis Batch: 109417

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	41.33		ug/L		103	62 - 136		
Benzene			20.0	19.84		ug/L		99	76 - 122		
Bromobenzene			20.0	18.50		ug/L		93	77 - 125		
Bromoform			20.0	21.35		ug/L		107	65 - 129		
Bromomethane			20.0	20.30		ug/L		102	60 - 138		
2-Butanone (MEK)			40.0	40.89		ug/L		102	74 - 131		
Carbon disulfide			20.0	19.99		ug/L		100	71 - 122		
Carbon tetrachloride			20.0	20.02		ug/L		100	72 - 131		
Chlorobenzene			20.0	20.41		ug/L		102	75 - 121		
Chlorobromomethane			20.0	20.50		ug/L		103	77 - 120		
Chlorodibromomethane			20.0	21.09		ug/L		105	70 - 131		
Chloroethane			20.0	27.06		ug/L		135	55 - 138		
Chloroform			20.0	21.41		ug/L		107	73 - 121		

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

Lab Sample ID: LCS 705-109417/1003
Matrix: Water
Analysis Batch: 109417

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	24.47		ug/L		122	57 - 129
2-Chlorotoluene	20.0	19.68		ug/L		98	75 - 123
4-Chlorotoluene	20.0	20.57		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	19.45		ug/L		97	76 - 121
cis-1,3-Dichloropropene	20.0	18.88		ug/L		94	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.59		ug/L		98	64 - 125
Dibromomethane	20.0	18.82		ug/L		94	70 - 130
1,2-Dichlorobenzene	20.0	19.66		ug/L		98	69 - 127
1,3-Dichlorobenzene	20.0	19.80		ug/L		99	68 - 128
1,4-Dichlorobenzene	20.0	19.41		ug/L		97	68 - 126
Dichlorobromomethane	20.0	19.97		ug/L		100	70 - 124
1,1-Dichloroethane	20.0	20.99		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.60		ug/L		98	72 - 127
1,1-Dichloroethene	20.0	18.67		ug/L		93	69 - 130
1,2-Dichloropropane	20.0	20.21		ug/L		101	71 - 121
1,3-Dichloropropane	20.0	21.12		ug/L		106	76 - 125
2,2-Dichloropropane	20.0	22.29		ug/L		111	71 - 131
1,1-Dichloropropene	20.0	20.25		ug/L		101	74 - 129
Ethylbenzene	20.0	19.92		ug/L		100	75 - 127
Ethylene Dibromide	20.0	21.63		ug/L		108	68 - 133
Hexachlorobutadiene	20.0	18.77		ug/L		94	65 - 137
Hexane	20.0	21.65		ug/L		108	25 - 150
2-Hexanone	40.0	43.11		ug/L		108	70 - 130
Iodomethane	20.0	16.79		ug/L		84	50 - 150
Isopropylbenzene	20.0	18.93		ug/L		95	76 - 125
4-Isopropyltoluene	20.0	20.19		ug/L		101	78 - 126
Methylene Chloride	20.0	19.37		ug/L		97	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.99		ug/L		105	76 - 122
Methyl tert-butyl ether	20.0	21.99		ug/L		110	76 - 123
m-Xylene & p-Xylene	20.0	19.73		ug/L		99	76 - 128
Naphthalene	20.0	16.00		ug/L		80	67 - 129
n-Butylbenzene	20.0	19.96		ug/L		100	71 - 131
n-Heptane	20.0	23.30		ug/L		117	25 - 150
N-Propylbenzene	20.0	19.90		ug/L		99	75 - 127
o-Xylene	20.0	19.57		ug/L		98	78 - 124
sec-Butylbenzene	20.0	20.43		ug/L		102	74 - 127
Styrene	20.0	21.36		ug/L		107	71 - 129
tert-Butylbenzene	20.0	18.94		ug/L		95	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.06		ug/L		110	76 - 130
1,1,2,2-Tetrachloroethane	20.0	21.22		ug/L		106	73 - 127
Tetrachloroethene	20.0	21.41		ug/L		107	74 - 129
Toluene	20.0	19.08		ug/L		95	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.88		ug/L		89	50 - 150
trans-1,2-Dichloroethene	20.0	20.03		ug/L		100	74 - 124
trans-1,3-Dichloropropene	20.0	18.75		ug/L		94	59 - 135
1,2,3-Trichlorobenzene	20.0	17.69		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	16.80		ug/L		84	65 - 131
1,1,1-Trichloroethane	20.0	21.74		ug/L		109	71 - 124
1,1,2-Trichloroethane	20.0	21.34		ug/L		107	69 - 127

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

Lab Sample ID: LCS 705-109417/1003
Matrix: Water
Analysis Batch: 109417

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	20.0	19.09		ug/L		95	72 - 129
Trichlorofluoromethane	20.0	22.62		ug/L		113	63 - 142
1,2,3-Trichloropropane	20.0	20.33		ug/L		102	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.69		ug/L		103	74 - 122
1,2,4-Trimethylbenzene	20.0	20.25		ug/L		101	80 - 123
1,3,5-Trimethylbenzene	20.0	19.91		ug/L		100	79 - 124
Vinyl acetate	40.0	45.70		ug/L		114	50 - 150
Vinyl chloride	20.0	24.53		ug/L		123	65 - 132
Xylenes, Total	40.0	39.30		ug/L		98	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*95*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-109715/8
Matrix: Water
Analysis Batch: 109715

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/23/26 14:00	1
Benzene	ND		1.00	0.200	ug/L			01/23/26 14:00	1
Bromobenzene	ND		1.00	0.222	ug/L			01/23/26 14:00	1
Bromoform	ND		1.00	0.458	ug/L			01/23/26 14:00	1
Bromomethane	ND		1.00	0.470	ug/L			01/23/26 14:00	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/23/26 14:00	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/23/26 14:00	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/23/26 14:00	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/23/26 14:00	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/23/26 14:00	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/23/26 14:00	1
Chloroethane	ND		1.00	0.374	ug/L			01/23/26 14:00	1
Chloroform	ND		1.00	0.216	ug/L			01/23/26 14:00	1
Chloromethane	ND		1.00	0.371	ug/L			01/23/26 14:00	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/23/26 14:00	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/23/26 14:00	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/23/26 14:00	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/23/26 14:00	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/23/26 14:00	1
Dibromomethane	ND		1.00	0.318	ug/L			01/23/26 14:00	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/23/26 14:00	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/23/26 14:00	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/23/26 14:00	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/23/26 14:00	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/23/26 14:00	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/23/26 14:00	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/23/26 14:00	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/23/26 14:00	1

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

Lab Sample ID: MB 705-109715/8
Matrix: Water
Analysis Batch: 109715

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/23/26 14:00	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/23/26 14:00	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/23/26 14:00	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/23/26 14:00	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/23/26 14:00	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/23/26 14:00	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/23/26 14:00	1
Hexane	ND		10.0	3.63	ug/L			01/23/26 14:00	1
2-Hexanone	ND		10.0	3.47	ug/L			01/23/26 14:00	1
Iodomethane	ND		2.00	0.403	ug/L			01/23/26 14:00	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/23/26 14:00	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/23/26 14:00	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/23/26 14:00	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/23/26 14:00	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/23/26 14:00	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/23/26 14:00	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/23/26 14:00	1
Naphthalene	ND		2.00	1.56	ug/L			01/23/26 14:00	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/23/26 14:00	1
n-Heptane	ND		10.0	3.05	ug/L			01/23/26 14:00	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/23/26 14:00	1
o-Xylene	ND		1.00	0.270	ug/L			01/23/26 14:00	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/23/26 14:00	1
Styrene	ND		1.00	0.194	ug/L			01/23/26 14:00	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/23/26 14:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/23/26 14:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/23/26 14:00	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/23/26 14:00	1
Toluene	ND		1.00	0.197	ug/L			01/23/26 14:00	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/23/26 14:00	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/23/26 14:00	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/23/26 14:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/23/26 14:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/23/26 14:00	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/23/26 14:00	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/23/26 14:00	1
Trichloroethene	ND		1.00	0.211	ug/L			01/23/26 14:00	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/23/26 14:00	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/23/26 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/23/26 14:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/23/26 14:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/23/26 14:00	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/23/26 14:00	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/23/26 14:00	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/23/26 14:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 126*		*01/23/26 14:00*	*1*

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

Lab Sample ID: MB 705-109715/8
Matrix: Water
Analysis Batch: 109715

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		77 - 121		01/23/26 14:00	1
Toluene-d8 (Surr)	96		79 - 119		01/23/26 14:00	1

Lab Sample ID: LCS 705-109715/1002
Matrix: Water
Analysis Batch: 109715

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	38.80		ug/L		97	25 - 150		
Isopropyl ether			20.0	21.18		ug/L		106	78 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	103		70 - 126
Dibromofluoromethane	100		77 - 121
Toluene-d8 (Surr)	97		79 - 119

Lab Sample ID: LCS 705-109715/1003
Matrix: Water
Analysis Batch: 109715

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	34.33		ug/L		86	62 - 136		
Benzene			20.0	21.02		ug/L		105	76 - 122		
Bromobenzene			20.0	20.73		ug/L		104	77 - 125		
Bromoform			20.0	20.32		ug/L		102	65 - 129		
Bromomethane			20.0	16.09		ug/L		80	60 - 138		
2-Butanone (MEK)			40.0	46.10		ug/L		115	74 - 131		
Carbon disulfide			20.0	15.61		ug/L		78	71 - 122		
Carbon tetrachloride			20.0	21.05		ug/L		105	72 - 131		
Chlorobenzene			20.0	21.16		ug/L		106	75 - 121		
Chlorobromomethane			20.0	21.12		ug/L		106	77 - 120		
Chlorodibromomethane			20.0	20.56		ug/L		103	70 - 131		
Chloroethane			20.0	17.76		ug/L		89	55 - 138		
Chloroform			20.0	20.86		ug/L		104	73 - 121		
Chloromethane			20.0	20.51		ug/L		103	57 - 129		
2-Chlorotoluene			20.0	21.95		ug/L		110	75 - 123		
4-Chlorotoluene			20.0	21.96		ug/L		110	76 - 124		
cis-1,2-Dichloroethene			20.0	21.26		ug/L		106	76 - 121		
cis-1,3-Dichloropropene			20.0	21.68		ug/L		108	70 - 129		
1,2-Dibromo-3-Chloropropane			20.0	19.68		ug/L		98	64 - 125		
Dibromomethane			20.0	20.34		ug/L		102	70 - 130		
1,2-Dichlorobenzene			20.0	21.25		ug/L		106	69 - 127		
1,3-Dichlorobenzene			20.0	21.21		ug/L		106	68 - 128		
1,4-Dichlorobenzene			20.0	20.71		ug/L		104	68 - 126		
Dichlorobromomethane			20.0	20.48		ug/L		102	70 - 124		
1,1-Dichloroethane			20.0	16.72		ug/L		84	65 - 126		
1,2-Dichloroethane			20.0	19.44		ug/L		97	72 - 127		
1,1-Dichloroethene			20.0	16.15		ug/L		81	69 - 130		

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

Lab Sample ID: LCS 705-109715/1003
Matrix: Water
Analysis Batch: 109715

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	20.0	20.78		ug/L		104	71 - 121
1,3-Dichloropropane	20.0	20.44		ug/L		102	76 - 125
2,2-Dichloropropane	20.0	22.47		ug/L		112	71 - 131
1,1-Dichloropropene	20.0	22.10		ug/L		110	74 - 129
Ethylbenzene	20.0	21.53		ug/L		108	75 - 127
Ethylene Dibromide	20.0	20.44		ug/L		102	68 - 133
Hexachlorobutadiene	20.0	22.74		ug/L		114	65 - 137
Hexane	20.0	18.72		ug/L		94	25 - 150
2-Hexanone	40.0	43.74		ug/L		109	70 - 130
Iodomethane	20.0	15.56		ug/L		78	50 - 150
Isopropylbenzene	20.0	20.09		ug/L		100	76 - 125
4-Isopropyltoluene	20.0	21.26		ug/L		106	78 - 126
Methylene Chloride	20.0	15.71		ug/L		79	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	40.96		ug/L		102	76 - 122
Methyl tert-butyl ether	20.0	15.44		ug/L		77	76 - 123
m-Xylene & p-Xylene	20.0	23.18		ug/L		116	76 - 128
Naphthalene	20.0	16.65		ug/L		83	67 - 129
n-Butylbenzene	20.0	18.30		ug/L		92	71 - 131
n-Heptane	20.0	26.73		ug/L		134	25 - 150
N-Propylbenzene	20.0	21.78		ug/L		109	75 - 127
o-Xylene	20.0	25.28	*+	ug/L		126	78 - 124
sec-Butylbenzene	20.0	22.19		ug/L		111	74 - 127
Styrene	20.0	22.15		ug/L		111	71 - 129
tert-Butylbenzene	20.0	23.73		ug/L		119	72 - 127
1,1,1,2-Tetrachloroethane	20.0	16.74		ug/L		84	76 - 130
1,1,2,2-Tetrachloroethane	20.0	20.23		ug/L		101	73 - 127
Tetrachloroethene	20.0	21.21		ug/L		106	74 - 129
Toluene	20.0	20.94		ug/L		105	74 - 124
trans-1,4-Dichloro-2-butene	20.0	20.12		ug/L		101	50 - 150
trans-1,2-Dichloroethene	20.0	15.99		ug/L		80	74 - 124
trans-1,3-Dichloropropene	20.0	21.42		ug/L		107	59 - 135
1,2,3-Trichlorobenzene	20.0	18.93		ug/L		95	65 - 130
1,2,4-Trichlorobenzene	20.0	18.39		ug/L		92	65 - 131
1,1,1-Trichloroethane	20.0	20.31		ug/L		102	71 - 124
1,1,2-Trichloroethane	20.0	21.37		ug/L		107	69 - 127
Trichloroethene	20.0	21.34		ug/L		107	72 - 129
Trichlorofluoromethane	20.0	18.86		ug/L		94	63 - 142
1,2,3-Trichloropropane	20.0	19.08		ug/L		95	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.71		ug/L		84	74 - 122
1,2,4-Trimethylbenzene	20.0	21.92		ug/L		110	80 - 123
1,3,5-Trimethylbenzene	20.0	21.44		ug/L		107	79 - 124
Vinyl acetate	40.0	39.82		ug/L		100	50 - 150
Vinyl chloride	20.0	19.88		ug/L		99	65 - 132
Xylenes, Total	40.0	48.46		ug/L		121	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 126*

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

Lab Sample ID: LCS 705-109715/1003
Matrix: Water
Analysis Batch: 109715

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: MB 705-110203/8
Matrix: Water
Analysis Batch: 110203

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/27/26 12:47	1
Benzene	ND		1.00	0.200	ug/L			01/27/26 12:47	1
Bromobenzene	ND		1.00	0.222	ug/L			01/27/26 12:47	1
Bromoform	ND		1.00	0.458	ug/L			01/27/26 12:47	1
Bromomethane	ND		1.00	0.470	ug/L			01/27/26 12:47	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/27/26 12:47	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/27/26 12:47	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/27/26 12:47	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/27/26 12:47	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/27/26 12:47	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/27/26 12:47	1
Chloroethane	ND		1.00	0.374	ug/L			01/27/26 12:47	1
Chloroform	ND		1.00	0.216	ug/L			01/27/26 12:47	1
Chloromethane	ND		1.00	0.371	ug/L			01/27/26 12:47	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/27/26 12:47	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/27/26 12:47	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/27/26 12:47	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/27/26 12:47	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/27/26 12:47	1
Dibromomethane	ND		1.00	0.318	ug/L			01/27/26 12:47	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/27/26 12:47	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/27/26 12:47	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/27/26 12:47	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/27/26 12:47	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/27/26 12:47	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/27/26 12:47	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/27/26 12:47	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/27/26 12:47	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/27/26 12:47	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/27/26 12:47	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/27/26 12:47	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/27/26 12:47	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/27/26 12:47	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/27/26 12:47	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/27/26 12:47	1
Hexane	ND		10.0	3.63	ug/L			01/27/26 12:47	1
2-Hexanone	ND		10.0	3.47	ug/L			01/27/26 12:47	1
Iodomethane	ND		2.00	0.403	ug/L			01/27/26 12:47	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/27/26 12:47	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/27/26 12:47	1

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

Lab Sample ID: MB 705-110203/8
Matrix: Water
Analysis Batch: 110203

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/27/26 12:47	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/27/26 12:47	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/27/26 12:47	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/27/26 12:47	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/27/26 12:47	1
Naphthalene	ND		2.00	1.56	ug/L			01/27/26 12:47	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/27/26 12:47	1
n-Heptane	ND		10.0	3.05	ug/L			01/27/26 12:47	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/27/26 12:47	1
o-Xylene	ND		1.00	0.270	ug/L			01/27/26 12:47	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/27/26 12:47	1
Styrene	ND		1.00	0.194	ug/L			01/27/26 12:47	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/27/26 12:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/27/26 12:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/27/26 12:47	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/27/26 12:47	1
Toluene	ND		1.00	0.197	ug/L			01/27/26 12:47	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/27/26 12:47	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/27/26 12:47	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/27/26 12:47	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/27/26 12:47	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/27/26 12:47	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/27/26 12:47	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/27/26 12:47	1
Trichloroethene	ND		1.00	0.211	ug/L			01/27/26 12:47	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/27/26 12:47	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/27/26 12:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/27/26 12:47	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/27/26 12:47	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/27/26 12:47	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/27/26 12:47	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/27/26 12:47	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/27/26 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*01/27/26 12:47*	*1*
Dibromofluoromethane	*115*		*77 - 121*		*01/27/26 12:47*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*01/27/26 12:47*	*1*

Lab Sample ID: LCS 705-110203/1003
Matrix: Water
Analysis Batch: 110203

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	37.46		ug/L		94	25 - 150		
Isopropyl ether			20.0	20.13		ug/L		101	78 - 125		

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

Lab Sample ID: LCS 705-110203/1003
Matrix: Water
Analysis Batch: 110203

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		70 - 126
Dibromofluoromethane	113		77 - 121
Toluene-d8 (Surr)	102		79 - 119

Lab Sample ID: LCS 705-110203/4
Matrix: Water
Analysis Batch: 110203

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	33.57		ug/L		84	62 - 136
Benzene	20.0	20.11		ug/L		101	76 - 122
Bromobenzene	20.0	18.44		ug/L		92	77 - 125
Bromoform	20.0	23.11		ug/L		116	65 - 129
Bromomethane	20.0	15.07		ug/L		75	60 - 138
2-Butanone (MEK)	40.0	37.46		ug/L		94	74 - 131
Carbon disulfide	20.0	21.52		ug/L		108	71 - 122
Carbon tetrachloride	20.0	25.87		ug/L		129	72 - 131
Chlorobenzene	20.0	20.00		ug/L		100	75 - 121
Chlorobromomethane	20.0	19.03		ug/L		95	77 - 120
Chlorodibromomethane	20.0	21.42		ug/L		107	70 - 131
Chloroethane	20.0	21.51		ug/L		108	55 - 138
Chloroform	20.0	21.99		ug/L		110	73 - 121
Chloromethane	20.0	26.88	*+	ug/L		134	57 - 129
2-Chlorotoluene	20.0	19.90		ug/L		100	75 - 123
4-Chlorotoluene	20.0	20.75		ug/L		104	76 - 124
cis-1,2-Dichloroethene	20.0	19.65		ug/L		98	76 - 121
cis-1,3-Dichloropropene	20.0	22.25		ug/L		111	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.66		ug/L		98	64 - 125
Dibromomethane	20.0	20.73		ug/L		104	70 - 130
1,2-Dichlorobenzene	20.0	19.16		ug/L		96	69 - 127
1,3-Dichlorobenzene	20.0	19.62		ug/L		98	68 - 128
1,4-Dichlorobenzene	20.0	19.16		ug/L		96	68 - 126
Dichlorobromomethane	20.0	24.17		ug/L		121	70 - 124
1,1-Dichloroethane	20.0	21.60		ug/L		108	65 - 126
1,2-Dichloroethane	20.0	24.63		ug/L		123	72 - 127
1,1-Dichloroethene	20.0	18.63		ug/L		93	69 - 130
1,2-Dichloropropane	20.0	20.77		ug/L		104	71 - 121
1,3-Dichloropropane	20.0	19.89		ug/L		99	76 - 125
2,2-Dichloropropane	20.0	26.76	*+	ug/L		134	71 - 131
1,1-Dichloropropene	20.0	20.21		ug/L		101	74 - 129
Ethylbenzene	20.0	21.10		ug/L		106	75 - 127
Ethylene Dibromide	20.0	20.34		ug/L		102	68 - 133
Hexachlorobutadiene	20.0	22.47		ug/L		112	65 - 137
Hexane	20.0	22.38		ug/L		112	25 - 150
2-Hexanone	40.0	38.64		ug/L		97	70 - 130
Iodomethane	20.0	12.04		ug/L		60	50 - 150
Isopropylbenzene	20.0	22.61		ug/L		113	76 - 125
4-Isopropyltoluene	20.0	21.52		ug/L		108	78 - 126

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

Lab Sample ID: LCS 705-110203/4
Matrix: Water
Analysis Batch: 110203

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	20.0	20.33		ug/L		102	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	40.37		ug/L		101	76 - 122
Methyl tert-butyl ether	20.0	21.47		ug/L		107	76 - 123
m-Xylene & p-Xylene	20.0	20.50		ug/L		103	76 - 128
Naphthalene	20.0	16.48		ug/L		82	67 - 129
n-Butylbenzene	20.0	21.75		ug/L		109	71 - 131
n-Heptane	20.0	23.73		ug/L		119	25 - 150
N-Propylbenzene	20.0	20.53		ug/L		103	75 - 127
o-Xylene	20.0	21.56		ug/L		108	78 - 124
sec-Butylbenzene	20.0	20.93		ug/L		105	74 - 127
Styrene	20.0	23.30		ug/L		117	71 - 129
tert-Butylbenzene	20.0	20.68		ug/L		103	72 - 127
1,1,1,2-Tetrachloroethane	20.0	21.84		ug/L		109	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.64		ug/L		93	73 - 127
Tetrachloroethene	20.0	20.03		ug/L		100	74 - 129
Toluene	20.0	20.36		ug/L		102	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.76		ug/L		94	50 - 150
trans-1,2-Dichloroethene	20.0	20.66		ug/L		103	74 - 124
trans-1,3-Dichloropropene	20.0	23.55		ug/L		118	59 - 135
1,2,3-Trichlorobenzene	20.0	17.72		ug/L		89	65 - 130
1,2,4-Trichlorobenzene	20.0	18.20		ug/L		91	65 - 131
1,1,1-Trichloroethane	20.0	24.41		ug/L		122	71 - 124
1,1,2-Trichloroethane	20.0	19.98		ug/L		100	69 - 127
Trichloroethene	20.0	19.50		ug/L		97	72 - 129
Trichlorofluoromethane	20.0	29.63	*+	ug/L		148	63 - 142
1,2,3-Trichloropropane	20.0	19.47		ug/L		97	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.01		ug/L		100	74 - 122
1,2,4-Trimethylbenzene	20.0	21.75		ug/L		109	80 - 123
1,3,5-Trimethylbenzene	20.0	21.69		ug/L		108	79 - 124
Vinyl acetate	40.0	46.68		ug/L		117	50 - 150
Vinyl chloride	20.0	26.34		ug/L		132	65 - 132
Xylenes, Total	40.0	42.06		ug/L		105	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 126*
Dibromofluoromethane	*111*		*77 - 121*
Toluene-d8 (Surr)	*103*		*79 - 119*

Lab Sample ID: MB 705-110454/8
Matrix: Water
Analysis Batch: 110454

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 12:33	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 12:33	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 12:33	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 12:33	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 12:33	1

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

Lab Sample ID: MB 705-110454/8
Matrix: Water
Analysis Batch: 110454

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 12:33	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 12:33	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 12:33	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 12:33	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 12:33	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 12:33	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 12:33	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 12:33	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 12:33	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 12:33	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 12:33	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 12:33	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 12:33	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 12:33	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 12:33	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 12:33	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 12:33	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 12:33	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 12:33	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 12:33	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 12:33	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 12:33	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 12:33	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 12:33	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 12:33	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 12:33	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 12:33	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 12:33	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 12:33	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 12:33	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 12:33	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 12:33	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 12:33	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 12:33	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 12:33	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 12:33	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 12:33	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 12:33	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 12:33	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 12:33	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 12:33	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 12:33	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 12:33	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 12:33	1
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 12:33	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 12:33	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 12:33	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 12:33	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 12:33	1

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

Lab Sample ID: MB 705-110454/8
Matrix: Water
Analysis Batch: 110454

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	0.231	ug/L			01/28/26 12:33	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 12:33	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 12:33	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 12:33	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 12:33	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 12:33	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 12:33	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 12:33	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 12:33	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 12:33	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 12:33	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 12:33	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 12:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 12:33	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 12:33	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 12:33	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 12:33	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 12:33	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*01/28/26 12:33*	*1*
Dibromofluoromethane	*118*		*77 - 121*		*01/28/26 12:33*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 12:33*	*1*

Lab Sample ID: LCS 705-110454/1003
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	18.79		ug/L		94	62 - 136
Benzene	10.0	10.25		ug/L		102	76 - 122
Bromobenzene	10.0	9.982		ug/L		100	77 - 125
Bromoform	10.0	10.69		ug/L		107	65 - 129
Bromomethane	10.0	6.276		ug/L		63	60 - 138
2-Butanone (MEK)	20.0	18.04		ug/L		90	74 - 131
Carbon disulfide	10.0	10.75		ug/L		107	71 - 122
Carbon tetrachloride	10.0	12.78		ug/L		128	72 - 131
Chlorobenzene	10.0	10.55		ug/L		106	75 - 121
Chlorobromomethane	10.0	10.65		ug/L		107	77 - 120
Chlorodibromomethane	10.0	10.64		ug/L		106	70 - 131
Chloroethane	10.0	7.825		ug/L		78	55 - 138
Chloroform	10.0	10.68		ug/L		107	73 - 121
Chloromethane	10.0	12.43		ug/L		124	57 - 129
2-Chlorotoluene	10.0	10.20		ug/L		102	75 - 123
4-Chlorotoluene	10.0	10.29		ug/L		103	76 - 124
cis-1,2-Dichloroethene	10.0	10.62		ug/L		106	76 - 121
cis-1,3-Dichloropropene	10.0	9.979		ug/L		100	70 - 129

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

Lab Sample ID: LCS 705-110454/1003
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	10.0	9.850		ug/L		99	64 - 125
Dibromomethane	10.0	10.62		ug/L		106	70 - 130
1,2-Dichlorobenzene	10.0	10.03		ug/L		100	69 - 127
1,3-Dichlorobenzene	10.0	10.60		ug/L		106	68 - 128
1,4-Dichlorobenzene	10.0	9.828		ug/L		98	68 - 126
Dichlorobromomethane	10.0	11.04		ug/L		110	70 - 124
1,1-Dichloroethane	10.0	11.06		ug/L		111	65 - 126
1,2-Dichloroethane	10.0	11.13		ug/L		111	72 - 127
1,1-Dichloroethene	10.0	9.899		ug/L		99	69 - 130
1,2-Dichloropropane	10.0	10.84		ug/L		108	71 - 121
1,3-Dichloropropane	10.0	9.962		ug/L		100	76 - 125
2,2-Dichloropropane	10.0	12.01		ug/L		120	71 - 131
1,1-Dichloropropene	10.0	11.30		ug/L		113	74 - 129
Ethylbenzene	10.0	10.85		ug/L		108	75 - 127
Ethylene Dibromide	10.0	10.20		ug/L		102	68 - 133
Hexachlorobutadiene	10.0	9.446		ug/L		94	65 - 137
Hexane	10.0	12.01		ug/L		120	25 - 150
2-Hexanone	20.0	19.98		ug/L		100	70 - 130
Iodomethane	10.0	9.544		ug/L		95	50 - 150
Isopropylbenzene	10.0	10.25		ug/L		103	76 - 125
4-Isopropyltoluene	10.0	10.65		ug/L		107	78 - 126
Methylene Chloride	10.0	10.66		ug/L		107	68 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.47		ug/L		97	76 - 122
Methyl tert-butyl ether	10.0	9.508		ug/L		95	76 - 123
m-Xylene & p-Xylene	10.0	11.41		ug/L		114	76 - 128
Naphthalene	10.0	8.261		ug/L		83	67 - 129
n-Butylbenzene	10.0	10.03		ug/L		100	71 - 131
n-Heptane	10.0	11.51		ug/L		115	25 - 150
N-Propylbenzene	10.0	10.20		ug/L		102	75 - 127
o-Xylene	10.0	11.07		ug/L		111	78 - 124
sec-Butylbenzene	10.0	9.978		ug/L		100	74 - 127
Styrene	10.0	11.05		ug/L		110	71 - 129
tert-Butylbenzene	10.0	10.43		ug/L		104	72 - 127
1,1,1,2-Tetrachloroethane	10.0	10.85		ug/L		108	76 - 130
1,1,2,2-Tetrachloroethane	10.0	8.800		ug/L		88	73 - 127
Tetrachloroethene	10.0	11.93		ug/L		119	74 - 129
Toluene	10.0	10.42		ug/L		104	74 - 124
trans-1,4-Dichloro-2-butene	10.0	7.255	J	ug/L		73	50 - 150
trans-1,2-Dichloroethene	10.0	10.99		ug/L		110	74 - 124
trans-1,3-Dichloropropene	10.0	9.453		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	10.0	8.400		ug/L		84	65 - 130
1,2,4-Trichlorobenzene	10.0	8.996		ug/L		90	65 - 131
1,1,1-Trichloroethane	10.0	11.54		ug/L		115	71 - 124
1,1,2-Trichloroethane	10.0	9.521		ug/L		95	69 - 127
Trichloroethene	10.0	10.82		ug/L		108	72 - 129
Trichlorofluoromethane	10.0	9.824		ug/L		98	63 - 142
1,2,3-Trichloropropane	10.0	8.955		ug/L		90	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.03		ug/L		120	74 - 122

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

Lab Sample ID: LCS 705-110454/1003
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	10.0	10.69		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	10.0	10.64		ug/L		106	79 - 124
Vinyl acetate	20.0	17.61		ug/L		88	50 - 150
Vinyl chloride	10.0	9.714		ug/L		97	65 - 132
Xylenes, Total	20.0	22.48		ug/L		112	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*112*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: LCS 705-110454/1004
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	20.0	18.53		ug/L		93	25 - 150
Isopropyl ether	10.0	11.02		ug/L		110	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 126*
Dibromofluoromethane	*118*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

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

Lab Sample ID: MB 400-737418/1-A
Matrix: Water
Analysis Batch: 737462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/26/26 13:32	01/27/26 13:40	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*40 - 150*	*01/26/26 13:32*	*01/27/26 13:40*	*1*

Lab Sample ID: LCS 400-737418/2-A
Matrix: Water
Analysis Batch: 737462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	33.3	33.56		ug/L		101	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*62*		*30 - 150*

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

Lab Sample ID: LCSD 400-737418/3-A
Matrix: Water
Analysis Batch: 737462

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737418

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			33.3	33.87		ug/L		102	30 - 150	1	40

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

Lab Sample ID: MB 400-737264/1-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Nitroaniline	ND		10.0	1.37	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/23/26 12:47	01/27/26 16:52	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/23/26 12:47	01/27/26 16:52	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/23/26 12:47	01/27/26 16:52	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/23/26 12:47	01/27/26 16:52	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/23/26 12:47	01/27/26 16:52	1
Acenaphthene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/27/26 16:52	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/23/26 12:47	01/27/26 16:52	1
Acetophenone	ND		10.0	3.20	ug/L		01/23/26 12:47	01/27/26 16:52	1
Anthracene	ND		10.0	0.910	ug/L		01/23/26 12:47	01/27/26 16:52	1
Atrazine	ND		10.0	1.13	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/23/26 12:47	01/27/26 16:52	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/23/26 12:47	01/27/26 16:52	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/23/26 12:47	01/27/26 16:52	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/23/26 12:47	01/27/26 16:52	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1

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

Lab Sample ID: MB 400-737264/1-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		10.0	2.40	ug/L		01/23/26 12:47	01/27/26 16:52	1
Carbazole	ND		10.0	0.320	ug/L		01/23/26 12:47	01/27/26 16:52	1
Chrysene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/27/26 16:52	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/23/26 12:47	01/27/26 16:52	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/23/26 12:47	01/27/26 16:52	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/23/26 12:47	01/27/26 16:52	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Fluoranthene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/27/26 16:52	1
Fluorene	ND		10.0	0.670	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/23/26 12:47	01/27/26 16:52	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/27/26 16:52	1
Isophorone	ND		10.0	0.800	ug/L		01/23/26 12:47	01/27/26 16:52	1
Naphthalene	ND		10.0	0.750	ug/L		01/23/26 12:47	01/27/26 16:52	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/23/26 12:47	01/27/26 16:52	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/23/26 12:47	01/27/26 16:52	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/23/26 12:47	01/27/26 16:52	1
Pentachlorophenol	ND		10.0	2.80	ug/L		01/23/26 12:47	01/27/26 16:52	1
Phenanthrene	ND		10.0	0.740	ug/L		01/23/26 12:47	01/27/26 16:52	1
Phenol	ND		10.0	0.680	ug/L		01/23/26 12:47	01/27/26 16:52	1
Pyrene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/27/26 16:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
Nitrobenzene-d5 (Surr)	*69*		*22 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
Phenol-d5 (Surr)	*75*		*10 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
Terphenyl-d14 (Surr)	*63*		*28 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*

Lab Sample ID: LCS 400-737264/2-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	21.45		ug/L		64	27 - 120
2,4,5-Trichlorophenol	33.3	25.94		ug/L		78	27 - 136
2,4,6-Trichlorophenol	33.3	24.38		ug/L		73	21 - 132
2,4-Dichlorophenol	33.3	23.24		ug/L		70	30 - 125
2,4-Dimethylphenol	33.3	17.37		ug/L		52	10 - 142
2,4-Dinitrophenol	66.7	56.97		ug/L		85	10 - 150
2,4-Dinitrotoluene	33.3	25.01		ug/L		75	30 - 129
2,6-Dinitrotoluene	33.3	24.61		ug/L		74	34 - 132
2-Chloronaphthalene	33.3	19.93		ug/L		60	10 - 150

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

Lab Sample ID: LCS 400-737264/2-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	33.3	22.35		ug/L		67	28 - 127
2-Methylnaphthalene	33.3	20.85		ug/L		63	24 - 150
2-Methylphenol	33.3	20.78		ug/L		62	11 - 121
2-Nitroaniline	33.3	25.97		ug/L		78	31 - 141
2-Nitrophenol	33.3	23.71		ug/L		71	31 - 142
3 & 4 Methylphenol	33.3	20.90		ug/L		63	10 - 150
3,3'-Dichlorobenzidine	66.7	44.97		ug/L		67	10 - 150
3-Nitroaniline	33.3	26.82		ug/L		80	33 - 136
4,6-Dinitro-2-methylphenol	66.7	51.21		ug/L		77	10 - 150
4-Bromophenyl phenyl ether	33.3	22.50		ug/L		67	24 - 120
4-Chloro-3-methylphenol	33.3	20.46		ug/L		61	10 - 137
4-Chloroaniline	33.3	23.24		ug/L		70	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.03		ug/L		66	31 - 110
4-Nitroaniline	33.3	26.64		ug/L		80	37 - 139
4-Nitrophenol	66.7	49.39		ug/L		74	10 - 150
Acenaphthene	33.3	23.32		ug/L		70	29 - 150
Acenaphthylene	33.3	23.92		ug/L		72	30 - 150
Acetophenone	33.3	18.78		ug/L		56	27 - 119
Anthracene	33.3	23.04		ug/L		69	31 - 150
Atrazine	33.3	23.80		ug/L		71	10 - 150
Benzaldehyde	33.3	22.33		ug/L		67	10 - 150
Benzo[a]anthracene	33.3	21.91		ug/L		66	36 - 150
Benzo[a]pyrene	33.3	23.16		ug/L		69	29 - 150
Benzo[b]fluoranthene	33.3	22.60		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	24.38		ug/L		73	28 - 150
Benzo[k]fluoranthene	33.3	23.09		ug/L		69	30 - 150
bis (2-chloroisopropyl) ether	33.3	20.23		ug/L		61	32 - 115
Bis(2-chloroethoxy)methane	33.3	22.47		ug/L		67	34 - 120
Bis(2-chloroethyl)ether	33.3	23.48		ug/L		70	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.82		ug/L		74	24 - 133
Butyl benzyl phthalate	33.3	22.81		ug/L		68	24 - 140
Caprolactam	33.3	21.56		ug/L		65	10 - 150
Carbazole	33.3	22.44		ug/L		67	28 - 123
Chrysene	33.3	21.06		ug/L		63	34 - 150
Dibenz(a,h)anthracene	33.3	22.89		ug/L		69	29 - 150
Dibenzofuran	33.3	21.87		ug/L		66	35 - 110
Diethyl phthalate	33.3	21.46		ug/L		64	31 - 118
Dimethyl phthalate	33.3	19.39		ug/L		58	24 - 125
Di-n-butyl phthalate	33.3	22.93		ug/L		69	30 - 127
Di-n-octyl phthalate	33.3	24.63		ug/L		74	28 - 142
Fluoranthene	33.3	22.82		ug/L		68	30 - 150
Fluorene	33.3	23.48		ug/L		70	30 - 150
Hexachlorobenzene	33.3	22.92		ug/L		69	29 - 113
Hexachlorobutadiene	33.3	11.65		ug/L		35	10 - 117
Hexachlorocyclopentadiene	33.3	11.74	J	ug/L		35	10 - 150
Hexachloroethane	33.3	13.53		ug/L		41	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	22.88		ug/L		69	28 - 150
Isophorone	33.3	21.47		ug/L		64	29 - 125
Naphthalene	33.3	18.70		ug/L		56	27 - 150

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

Lab Sample ID: LCS 400-737264/2-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737264

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrobenzene			33.3	22.79		ug/L		68	29 - 129		
N-Nitrosodi-n-propylamine			33.3	23.80		ug/L		71	50 - 134		
N-Nitrosodiphenylamine			33.1	22.98		ug/L		70	50 - 132		
Pentachlorophenol			66.7	52.81		ug/L		79	14 - 150		
Phenanthrene			33.3	22.50		ug/L		67	32 - 150		
Phenol			33.3	25.46		ug/L		76	10 - 150		
Pyrene			33.3	23.24		ug/L		70	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*
2-Fluorophenol (Surr)	*70*		*10 - 150*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*
Phenol-d5 (Surr)	*83*		*10 - 150*
Terphenyl-d14 (Surr)	*66*		*28 - 150*

Lab Sample ID: LCSD 400-737264/3-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737264

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	22.40		ug/L		67	27 - 120	4	40
2,4,5-Trichlorophenol			33.3	26.91		ug/L		81	27 - 136	4	40
2,4,6-Trichlorophenol			33.3	26.07		ug/L		78	21 - 132	7	40
2,4-Dichlorophenol			33.3	24.30		ug/L		73	30 - 125	4	40
2,4-Dimethylphenol			33.3	18.15		ug/L		54	10 - 142	4	40
2,4-Dinitrophenol			66.7	60.21		ug/L		90	10 - 150	6	40
2,4-Dinitrotoluene			33.3	24.31		ug/L		73	30 - 129	3	40
2,6-Dinitrotoluene			33.3	24.63		ug/L		74	34 - 132	0	40
2-Chloronaphthalene			33.3	20.41		ug/L		61	10 - 150	2	40
2-Chlorophenol			33.3	23.66		ug/L		71	28 - 127	6	40
2-Methylnaphthalene			33.3	21.92		ug/L		66	24 - 150	5	40
2-Methylphenol			33.3	20.23		ug/L		61	11 - 121	3	40
2-Nitroaniline			33.3	24.63		ug/L		74	31 - 141	5	40
2-Nitrophenol			33.3	26.36		ug/L		79	31 - 142	11	40
3 & 4 Methylphenol			33.3	18.98	J	ug/L		57	10 - 150	10	40
3,3'-Dichlorobenzidine			66.7	46.46		ug/L		70	10 - 150	3	40
3-Nitroaniline			33.3	24.91		ug/L		75	33 - 136	7	40
4,6-Dinitro-2-methylphenol			66.7	54.58		ug/L		82	10 - 150	6	40
4-Bromophenyl phenyl ether			33.3	21.30		ug/L		64	24 - 120	5	40
4-Chloro-3-methylphenol			33.3	21.95		ug/L		66	10 - 137	7	40
4-Chloroaniline			33.3	21.57		ug/L		65	10 - 150	7	40
4-Chlorophenyl phenyl ether			33.3	21.37		ug/L		64	31 - 110	3	40
4-Nitroaniline			33.3	26.00		ug/L		78	37 - 139	2	40
4-Nitrophenol			66.7	40.69		ug/L		61	10 - 150	19	40
Acenaphthene			33.3	23.55		ug/L		71	29 - 150	1	40
Acenaphthylene			33.3	23.92		ug/L		72	30 - 150	0	40
Acetophenone			33.3	19.22		ug/L		58	27 - 119	2	40

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

Lab Sample ID: LCSD 400-737264/3-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737264

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			33.3	21.94		ug/L		66	31 - 150	5	40
Atrazine			33.3	21.71		ug/L		65	10 - 150	9	40
Benzaldehyde			33.3	22.63		ug/L		68	10 - 150	1	40
Benzo[a]anthracene			33.3	21.42		ug/L		64	36 - 150	2	40
Benzo[a]pyrene			33.3	22.12		ug/L		66	29 - 150	5	40
Benzo[b]fluoranthene			33.3	22.00		ug/L		66	32 - 150	3	40
Benzo[g,h,i]perylene			33.3	22.97		ug/L		69	28 - 150	6	40
Benzo[k]fluoranthene			33.3	21.60		ug/L		65	30 - 150	7	40
bis (2-chloroisopropyl) ether			33.3	21.01		ug/L		63	32 - 115	4	40
Bis(2-chloroethoxy)methane			33.3	22.72		ug/L		68	34 - 120	1	40
Bis(2-chloroethyl)ether			33.3	23.93		ug/L		72	32 - 114	2	40
Bis(2-ethylhexyl) phthalate			33.3	23.91		ug/L		72	24 - 133	4	40
Butyl benzyl phthalate			33.3	22.04		ug/L		66	24 - 140	3	40
Caprolactam			33.3	17.26		ug/L		52	10 - 150	22	40
Carbazole			33.3	21.31		ug/L		64	28 - 123	5	40
Chrysene			33.3	20.43		ug/L		61	34 - 150	3	40
Dibenz(a,h)anthracene			33.3	21.63		ug/L		65	29 - 150	6	40
Dibenzofuran			33.3	21.57		ug/L		65	35 - 110	1	40
Diethyl phthalate			33.3	21.92		ug/L		66	31 - 118	2	40
Dimethyl phthalate			33.3	20.50		ug/L		62	24 - 125	6	40
Di-n-butyl phthalate			33.3	21.73		ug/L		65	30 - 127	5	40
Di-n-octyl phthalate			33.3	23.79		ug/L		71	28 - 142	3	40
Fluoranthene			33.3	21.97		ug/L		66	30 - 150	4	40
Fluorene			33.3	23.00		ug/L		69	30 - 150	2	40
Hexachlorobenzene			33.3	21.82		ug/L		65	29 - 113	5	40
Hexachlorobutadiene			33.3	15.56		ug/L		47	10 - 117	29	40
Hexachlorocyclopentadiene			33.3	15.88	J	ug/L		48	10 - 150	30	40
Hexachloroethane			33.3	16.44		ug/L		49	10 - 112	19	40
Indeno[1,2,3-cd]pyrene			33.3	21.30		ug/L		64	28 - 150	7	40
Isophorone			33.3	22.09		ug/L		66	29 - 125	3	40
Naphthalene			33.3	19.62		ug/L		59	27 - 150	5	40
Nitrobenzene			33.3	23.57		ug/L		71	29 - 129	3	40
N-Nitrosodi-n-propylamine			33.3	25.30		ug/L		76	50 - 134	6	40
N-Nitrosodiphenylamine			33.1	22.01		ug/L		67	50 - 132	4	40
Pentachlorophenol			66.7	55.35		ug/L		83	14 - 150	5	40
Phenanthrene			33.3	21.69		ug/L		65	32 - 150	4	40
Phenol			33.3	20.06		ug/L		60	10 - 150	24	40
Pyrene			33.3	22.06		ug/L		66	30 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 150*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*
2-Fluorophenol (Surr)	*60*		*10 - 150*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*
Phenol-d5 (Surr)	*61*		*10 - 150*
Terphenyl-d14 (Surr)	*67*		*28 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-109404/154
Matrix: Water
Analysis Batch: 109404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/23/26 01:06	1

Lab Sample ID: LCS 705-109404/155
Matrix: Water
Analysis Batch: 109404

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	24.90		mg/L		100	90 - 110

Lab Sample ID: MB 705-109698/3
Matrix: Water
Analysis Batch: 109698

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/23/26 12:09	1

Lab Sample ID: LCS 705-109698/4
Matrix: Water
Analysis Batch: 109698

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	24.17		mg/L		97	90 - 110

Lab Sample ID: MB 705-109737/54
Matrix: Water
Analysis Batch: 109737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/23/26 17:09	1

Lab Sample ID: LCS 705-109737/55
Matrix: Water
Analysis Batch: 109737

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	24.74		mg/L		99	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-109559/1-A
Matrix: Water
Analysis Batch: 109941

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 109559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/23/26 09:37	01/24/26 02:17	1
Arsenic	ND		5.00	1.32	ug/L		01/23/26 09:37	01/24/26 02:17	1
Barium	ND		10.0	0.410	ug/L		01/23/26 09:37	01/24/26 02:17	1
Beryllium	ND		1.00	0.147	ug/L		01/23/26 09:37	01/24/26 02:17	1
Cadmium	ND		0.700	0.237	ug/L		01/23/26 09:37	01/24/26 02:17	1
Chromium	ND		5.00	3.69	ug/L		01/23/26 09:37	01/24/26 02:17	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-109559/1-A
Matrix: Water
Analysis Batch: 109941

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 109559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		5.00	0.411	ug/L		01/23/26 09:37	01/24/26 02:17	1
Copper	ND		2.00	0.642	ug/L		01/23/26 09:37	01/24/26 02:17	1
Lead	ND		1.00	0.864	ug/L		01/23/26 09:37	01/24/26 02:17	1
Manganese	ND		5.00	1.29	ug/L		01/23/26 09:37	01/24/26 02:17	1
Nickel	ND		5.00	0.422	ug/L		01/23/26 09:37	01/24/26 02:17	1
Selenium	ND		5.00	2.29	ug/L		01/23/26 09:37	01/24/26 02:17	1
Silver	ND		1.00	0.167	ug/L		01/23/26 09:37	01/24/26 02:17	1
Thallium	ND		1.00	0.190	ug/L		01/23/26 09:37	01/24/26 02:17	1
Vanadium	ND		5.00	1.22	ug/L		01/23/26 09:37	01/24/26 02:17	1
Zinc	ND		10.0	8.91	ug/L		01/23/26 09:37	01/24/26 02:17	1

Lab Sample ID: LCS 705-109559/2-A
Matrix: Water
Analysis Batch: 109941

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 109559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	96.92		ug/L		97	80 - 120
Arsenic	100	108.4		ug/L		108	80 - 120
Barium	100	96.63		ug/L		97	80 - 120
Beryllium	100	94.93		ug/L		95	80 - 120
Cadmium	100	94.79		ug/L		95	80 - 120
Chromium	100	96.77		ug/L		97	80 - 120
Cobalt	100	103.8		ug/L		104	80 - 120
Copper	100	105.5		ug/L		106	80 - 120
Lead	100	99.61		ug/L		100	80 - 120
Manganese	100	94.20		ug/L		94	80 - 120
Nickel	100	98.42		ug/L		98	80 - 120
Selenium	100	95.77		ug/L		96	80 - 120
Silver	10.0	9.862		ug/L		99	80 - 120
Thallium	100	100.2		ug/L		100	80 - 120
Vanadium	100	104.7		ug/L		105	80 - 120
Zinc	100	99.57		ug/L		100	80 - 120

Lab Sample ID: 752-41221-1 MS
Matrix: Water
Analysis Batch: 109941

Client Sample ID: 822-MW-1
Prep Type: Total Recoverable
Prep Batch: 109559

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F2 F1	100	103.4		ug/L		103	75 - 125
Arsenic	ND	F2 F1	100	113.2		ug/L		113	75 - 125
Barium	321	F2 F1	100	453.5	F1	ug/L		133	75 - 125
Beryllium	ND		100	88.13		ug/L		88	75 - 125
Cadmium	ND		100	91.76		ug/L		92	75 - 125
Chromium	ND	F2 F1	100	106.0		ug/L		106	75 - 125
Cobalt	ND	F2 F1	100	107.1		ug/L		107	75 - 125
Copper	0.769	J F2 F1	100	110.5		ug/L		110	75 - 125
Lead	ND	F2 F1	100	108.3		ug/L		108	75 - 125
Manganese	22.3	F2 F1	100	127.1		ug/L		105	75 - 125
Nickel	ND	F2 F1	100	102.8		ug/L		103	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-41221-1 MS
Matrix: Water
Analysis Batch: 109941

Client Sample ID: 822-MW-1
Prep Type: Total Recoverable
Prep Batch: 109559

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	ND	F2 F1	100	107.6		ug/L		108	75 - 125
Silver	ND	F2 F1	10.0	10.79		ug/L		108	75 - 125
Thallium	ND	F2 F1	100	110.2		ug/L		110	75 - 125
Vanadium	11.5	F2 F1	100	125.3		ug/L		114	75 - 125
Zinc	ND	F2 F1	100	109.7		ug/L		110	75 - 125

Lab Sample ID: 752-41221-1 MSD
Matrix: Water
Analysis Batch: 109941

Client Sample ID: 822-MW-1
Prep Type: Total Recoverable
Prep Batch: 109559

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F2 F1	100	231.3	F1 F2	ug/L		231	75 - 125	76	20
Arsenic	ND	F2 F1	100	269.4	F1 F2	ug/L		269	75 - 125	82	20
Barium	321	F2 F1	100	1036	F1 F2	ug/L		715	75 - 125	78	20
Beryllium	ND		100	87.82		ug/L		88	75 - 125	0	20
Cadmium	ND		100	88.57		ug/L		89	75 - 125	4	20
Chromium	ND	F2 F1	100	233.6	F1 F2	ug/L		234	75 - 125	75	20
Cobalt	ND	F2 F1	100	243.7	F1 F2	ug/L		244	75 - 125	78	20
Copper	0.769	J F2 F1	100	253.0	F1 F2	ug/L		252	75 - 125	78	20
Lead	ND	F2 F1	100	245.8	F1 F2	ug/L		246	75 - 125	78	20
Manganese	22.3	F2 F1	100	285.8	F1 F2	ug/L		264	75 - 125	77	20
Nickel	ND	F2 F1	100	235.2	F1 F2	ug/L		235	75 - 125	78	20
Selenium	ND	F2 F1	100	243.7	F1 F2	ug/L		244	75 - 125	77	20
Silver	ND	F2 F1	10.0	24.17	F1 F2	ug/L		242	75 - 125	77	20
Thallium	ND	F2 F1	100	252.6	F1 F2	ug/L		253	75 - 125	79	20
Vanadium	11.5	F2 F1	100	292.8	F1 F2	ug/L		281	75 - 125	80	20
Zinc	ND	F2 F1	100	243.6	F1 F2	ug/L		244	75 - 125	76	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-110535/1-A
Matrix: Water
Analysis Batch: 110710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110535

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		01/28/26 17:30	01/28/26 21:26	1

Lab Sample ID: LCS 705-110535/2-A
Matrix: Water
Analysis Batch: 110710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110535

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.235		ug/L		106	80 - 120

Lab Sample ID: 752-41221-1 MS
Matrix: Water
Analysis Batch: 110710

Client Sample ID: 822-MW-1
Prep Type: Total/NA
Prep Batch: 110535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.598		4.00	4.309		ug/L		93	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 752-41221-1 MSD — **Client Sample ID: 822-MW-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 110710 — **Prep Batch: 110535**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.598		4.00	4.259		ug/L		92	75 - 125	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14664/13 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/23/26 09:26	1

Lab Sample ID: LCS 752-14664/14 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.039		mg/L		102	90 - 110

Lab Sample ID: 752-41221-3 MS — **Client Sample ID: 822-MW-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND	F1	0.395	0.1215	F1	mg/L		31	90 - 110

Lab Sample ID: 752-41221-3 MSD — **Client Sample ID: 822-MW-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14664

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND	F1	0.395	0.1206	F1	mg/L		31	90 - 110	1	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-888125/31 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 888125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			01/23/26 15:23	1

Lab Sample ID: LCS 680-888125/32 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 888125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	1.026		mg/L		103	90 - 110

GC/MS VOA

Analysis Batch: 109350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	8260D	
752-41221-2	822-MW-2	Total/NA	Water	8260D	
752-41221-3	822-MW-3	Total/NA	Water	8260D	
752-41221-4	822-MW-4	Total/NA	Water	8260D	
752-41221-9	822-MW-Dup-2	Total/NA	Water	8260D	
MB 705-109350/7	Method Blank	Total/NA	Water	8260D	
LCS 705-109350/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-109350/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 109417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-6	A-MW-7	Total/NA	Water	8260D	
752-41221-8	822-A-MW-9	Total/NA	Water	8260D	
MB 705-109417/6	Method Blank	Total/NA	Water	8260D	
LCS 705-109417/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-109417/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 109715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-5	822-MW-5	Total/NA	Water	8260D	
MB 705-109715/8	Method Blank	Total/NA	Water	8260D	
LCS 705-109715/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-109715/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 110203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-7	A-MW-8	Total/NA	Water	8260D	
MB 705-110203/8	Method Blank	Total/NA	Water	8260D	
LCS 705-110203/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-110203/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 110454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-7	A-MW-8	Total/NA	Water	8260D	
MB 705-110454/8	Method Blank	Total/NA	Water	8260D	
LCS 705-110454/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-110454/1004	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	3511	
752-41221-2	822-MW-2	Total/NA	Water	3511	
752-41221-3	822-MW-3	Total/NA	Water	3511	
752-41221-4	822-MW-4	Total/NA	Water	3511	
752-41221-5	822-MW-5	Total/NA	Water	3511	
752-41221-6	A-MW-7	Total/NA	Water	3511	
752-41221-7	A-MW-8	Total/NA	Water	3511	
752-41221-8	822-A-MW-9	Total/NA	Water	3511	
752-41221-9	822-MW-Dup-2	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 737264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-737264/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737264/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737264/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 737418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	3511	
752-41221-2	822-MW-2	Total/NA	Water	3511	
752-41221-3	822-MW-3	Total/NA	Water	3511	
752-41221-4	822-MW-4	Total/NA	Water	3511	
752-41221-5	822-MW-5	Total/NA	Water	3511	
752-41221-6	A-MW-7	Total/NA	Water	3511	
752-41221-7	A-MW-8	Total/NA	Water	3511	
752-41221-8	822-A-MW-9	Total/NA	Water	3511	
752-41221-9	822-MW-Dup-2	Total/NA	Water	3511	
MB 400-737418/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737418/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737418/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 737462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	8270E	737418
752-41221-2	822-MW-2	Total/NA	Water	8270E	737418
752-41221-3	822-MW-3	Total/NA	Water	8270E	737418
752-41221-4	822-MW-4	Total/NA	Water	8270E	737418
752-41221-5	822-MW-5	Total/NA	Water	8270E	737418
752-41221-6	A-MW-7	Total/NA	Water	8270E	737418
752-41221-7	A-MW-8	Total/NA	Water	8270E	737418
752-41221-8	822-A-MW-9	Total/NA	Water	8270E	737418
752-41221-9	822-MW-Dup-2	Total/NA	Water	8270E	737418
MB 400-737418/1-A	Method Blank	Total/NA	Water	8270E	737418
LCS 400-737418/2-A	Lab Control Sample	Total/NA	Water	8270E	737418
LCSD 400-737418/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737418

Analysis Batch: 737466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	8270E	737264
752-41221-2	822-MW-2	Total/NA	Water	8270E	737264
752-41221-3	822-MW-3	Total/NA	Water	8270E	737264
MB 400-737264/1-A	Method Blank	Total/NA	Water	8270E	737264
LCS 400-737264/2-A	Lab Control Sample	Total/NA	Water	8270E	737264
LCSD 400-737264/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737264

Analysis Batch: 737538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-4	822-MW-4	Total/NA	Water	8270E	737264
752-41221-5	822-MW-5	Total/NA	Water	8270E	737264
752-41221-6	A-MW-7	Total/NA	Water	8270E	737264
752-41221-7	A-MW-8	Total/NA	Water	8270E	737264
752-41221-8	822-A-MW-9	Total/NA	Water	8270E	737264
752-41221-9	822-MW-Dup-2	Total/NA	Water	8270E	737264

HPLC/IC

Analysis Batch: 109404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	9056A	
752-41221-2	822-MW-2	Total/NA	Water	9056A	
752-41221-3	822-MW-3	Total/NA	Water	9056A	
752-41221-4	822-MW-4	Total/NA	Water	9056A	
752-41221-5	822-MW-5	Total/NA	Water	9056A	
752-41221-8	822-A-MW-9	Total/NA	Water	9056A	
752-41221-9	822-MW-Dup-2	Total/NA	Water	9056A	
MB 705-109404/154	Method Blank	Total/NA	Water	9056A	
LCS 705-109404/155	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 109698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-6	A-MW-7	Total/NA	Water	9056A	
MB 705-109698/3	Method Blank	Total/NA	Water	9056A	
LCS 705-109698/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 109737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-7	A-MW-8	Total/NA	Water	9056A	
MB 705-109737/54	Method Blank	Total/NA	Water	9056A	
LCS 705-109737/55	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 109559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total Recoverable	Water	3005A	
752-41221-2	822-MW-2	Total Recoverable	Water	3005A	
752-41221-3	822-MW-3	Total Recoverable	Water	3005A	
752-41221-4	822-MW-4	Total Recoverable	Water	3005A	
752-41221-5	822-MW-5	Total Recoverable	Water	3005A	
752-41221-6	A-MW-7	Total Recoverable	Water	3005A	
752-41221-7	A-MW-8	Total Recoverable	Water	3005A	
752-41221-8	822-A-MW-9	Total Recoverable	Water	3005A	
752-41221-9	822-MW-Dup-2	Total Recoverable	Water	3005A	
MB 705-109559/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-109559/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-41221-1 MS	822-MW-1	Total Recoverable	Water	3005A	
752-41221-1 MSD	822-MW-1	Total Recoverable	Water	3005A	

Analysis Batch: 109941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total Recoverable	Water	6020B	109559
752-41221-2	822-MW-2	Total Recoverable	Water	6020B	109559
752-41221-3	822-MW-3	Total Recoverable	Water	6020B	109559
752-41221-4	822-MW-4	Total Recoverable	Water	6020B	109559
752-41221-5	822-MW-5	Total Recoverable	Water	6020B	109559
752-41221-6	A-MW-7	Total Recoverable	Water	6020B	109559
752-41221-7	A-MW-8	Total Recoverable	Water	6020B	109559
752-41221-8	822-A-MW-9	Total Recoverable	Water	6020B	109559
752-41221-9	822-MW-Dup-2	Total Recoverable	Water	6020B	109559

Metals (Continued)

Analysis Batch: 109941 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-109559/1-A	Method Blank	Total Recoverable	Water	6020B	109559
LCS 705-109559/2-A	Lab Control Sample	Total Recoverable	Water	6020B	109559
752-41221-1 MS	822-MW-1	Total Recoverable	Water	6020B	109559
752-41221-1 MSD	822-MW-1	Total Recoverable	Water	6020B	109559

Analysis Batch: 110045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-9	822-MW-Dup-2	Total Recoverable	Water	6020B	109559

Prep Batch: 110535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	7470A	
752-41221-2	822-MW-2	Total/NA	Water	7470A	
752-41221-3	822-MW-3	Total/NA	Water	7470A	
752-41221-4	822-MW-4	Total/NA	Water	7470A	
752-41221-5	822-MW-5	Total/NA	Water	7470A	
752-41221-6	A-MW-7	Total/NA	Water	7470A	
752-41221-7	A-MW-8	Total/NA	Water	7470A	
752-41221-8	822-A-MW-9	Total/NA	Water	7470A	
752-41221-9	822-MW-Dup-2	Total/NA	Water	7470A	
MB 705-110535/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-110535/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-41221-1 MS	822-MW-1	Total/NA	Water	7470A	
752-41221-1 MSD	822-MW-1	Total/NA	Water	7470A	

Analysis Batch: 110710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	7470A	110535
752-41221-2	822-MW-2	Total/NA	Water	7470A	110535
752-41221-3	822-MW-3	Total/NA	Water	7470A	110535
752-41221-4	822-MW-4	Total/NA	Water	7470A	110535
752-41221-5	822-MW-5	Total/NA	Water	7470A	110535
752-41221-6	A-MW-7	Total/NA	Water	7470A	110535
752-41221-7	A-MW-8	Total/NA	Water	7470A	110535
752-41221-8	822-A-MW-9	Total/NA	Water	7470A	110535
752-41221-9	822-MW-Dup-2	Total/NA	Water	7470A	110535
MB 705-110535/1-A	Method Blank	Total/NA	Water	7470A	110535
LCS 705-110535/2-A	Lab Control Sample	Total/NA	Water	7470A	110535
752-41221-1 MS	822-MW-1	Total/NA	Water	7470A	110535
752-41221-1 MSD	822-MW-1	Total/NA	Water	7470A	110535

General Chemistry

Analysis Batch: 14664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	350.1	
752-41221-2	822-MW-2	Total/NA	Water	350.1	
752-41221-3	822-MW-3	Total/NA	Water	350.1	
752-41221-4	822-MW-4	Total/NA	Water	350.1	
752-41221-5	822-MW-5	Total/NA	Water	350.1	
752-41221-6	A-MW-7	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 14664 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-7	A-MW-8	Total/NA	Water	350.1	
752-41221-8	822-A-MW-9	Total/NA	Water	350.1	
752-41221-9	822-MW-Dup-2	Total/NA	Water	350.1	
MB 752-14664/13	Method Blank	Total/NA	Water	350.1	
LCS 752-14664/14	Lab Control Sample	Total/NA	Water	350.1	
752-41221-3 MS	822-MW-3	Total/NA	Water	350.1	
752-41221-3 MSD	822-MW-3	Total/NA	Water	350.1	

Analysis Batch: 888121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	Nitrate by calc	
752-41221-2	822-MW-2	Total/NA	Water	Nitrate by calc	
752-41221-3	822-MW-3	Total/NA	Water	Nitrate by calc	
752-41221-4	822-MW-4	Total/NA	Water	Nitrate by calc	
752-41221-5	822-MW-5	Total/NA	Water	Nitrate by calc	
752-41221-6	A-MW-7	Total/NA	Water	Nitrate by calc	
752-41221-7	A-MW-8	Total/NA	Water	Nitrate by calc	
752-41221-8	822-A-MW-9	Total/NA	Water	Nitrate by calc	
752-41221-9	822-MW-Dup-2	Total/NA	Water	Nitrate by calc	

Analysis Batch: 888125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41221-1	822-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-41221-2	822-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41221-3	822-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-41221-4	822-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-41221-5	822-MW-5	Total/NA	Water	353.2-1993 R2.0	
752-41221-6	A-MW-7	Total/NA	Water	353.2-1993 R2.0	
752-41221-7	A-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-41221-8	822-A-MW-9	Total/NA	Water	353.2-1993 R2.0	
752-41221-9	822-MW-Dup-2	Total/NA	Water	353.2-1993 R2.0	
MB 680-888125/31	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888125/32	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-1

Lab Sample ID: 752-41221-1

Date Collected: 01/20/26 10:35

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 20:52
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 19:10
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 22:45
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 03:56
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 02:23
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 21:32
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:50
Total/NA	Analysis	353.2-1993 R2.0		5	888125	NVF	EET SAV	01/23/26 14:44
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: 822-MW-2

Lab Sample ID: 752-41221-2

Date Collected: 01/20/26 10:30

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 21:15
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 19:40
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 23:17
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 04:08
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 02:33
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 21:43
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:52
Total/NA	Analysis	353.2-1993 R2.0		2	888125	NVF	EET SAV	01/23/26 14:47
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: 822-MW-3

Lab Sample ID: 752-41221-3

Date Collected: 01/20/26 11:50

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 18:37
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 20:10
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 23:49
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 04:19

Lab Chronicle

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-3

Lab Sample ID: 752-41221-3

Date Collected: 01/20/26 11:50

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 02:36
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 21:46
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:57
Total/NA	Analysis	353.2-1993 R2.0		2	888125	NVF	EET SAV	01/23/26 14:49
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: 822-MW-4

Lab Sample ID: 752-41221-4

Date Collected: 01/20/26 13:10

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 18:59
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 20:40
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737538	KJA	EET PEN	01/28/26 02:26
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 04:30
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 02:39
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 21:50
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 10:02
Total/NA	Analysis	353.2-1993 R2.0		1	888125	NVF	EET SAV	01/23/26 14:51
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: 822-MW-5

Lab Sample ID: 752-41221-5

Date Collected: 01/20/26 12:35

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109715	UI	EET ATL	01/23/26 19:54
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 21:10
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737538	KJA	EET PEN	01/28/26 02:57
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 04:42
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 02:41
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 21:53
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 10:04
Total/NA	Analysis	353.2-1993 R2.0		1	888125	NVF	EET SAV	01/23/26 14:57

Lab Chronicle

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

Job ID: 752-41221-1

Client Sample ID: 822-MW-5

Lab Sample ID: 752-41221-5

Date Collected: 01/20/26 12:35

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: A-MW-7

Lab Sample ID: 752-41221-6

Date Collected: 01/20/26 13:45

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109417	AG	EET ATL	01/22/26 18:41
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 21:40
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737538	KJA	EET PEN	01/28/26 03:28
Total/NA	Analysis	9056A		10	109698	MS	EET ATL	01/23/26 15:57
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 03:00
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 21:57
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 10:05
Total/NA	Analysis	353.2-1993 R2.0		1	888125	NVF	EET SAV	01/23/26 15:00
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: A-MW-8

Lab Sample ID: 752-41221-7

Date Collected: 01/20/26 14:40

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110203	AV	EET ATL 1	01/27/26 18:48
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 13:16
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 22:10
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737538	KJA	EET PEN	01/28/26 04:00
Total/NA	Analysis	9056A		10	109737	MS	EET ATL 2	01/23/26 20:13
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 03:03
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 22:11
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 10:07
Total/NA	Analysis	353.2-1993 R2.0		5	888125	NVF	EET SAV	01/23/26 15:02
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Lab Chronicle

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

Job ID: 752-41221-1

Client Sample ID: 822-A-MW-9

Lab Sample ID: 752-41221-8

Date Collected: 01/20/26 14:35
Matrix: Water
Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109417	AG	EET ATL	01/22/26 19:31
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 22:39
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737538	KJA	EET PEN	01/28/26 04:32
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 05:16
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 03:06
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 22:14
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 10:09
Total/NA	Analysis	353.2-1993 R2.0		1	888125	NVF	EET SAV	01/23/26 15:04
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: 822-MW-Dup-2

Lab Sample ID: 752-41221-9

Date Collected: 01/20/26 00:00
Matrix: Water
Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 20:29
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 23:09
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737538	KJA	EET PEN	01/28/26 05:04
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 06:01
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	109941	TT	EET ATL	01/24/26 03:09
Total Recoverable	Prep	3005A			109559	TR	EET ATL	01/23/26 09:37
Total Recoverable	Analysis	6020B		1	110045	IF	EET ATL	01/24/26 14:08
Total/NA	Prep	7470A			110535	TR	EET ATL	01/28/26 17:30
Total/NA	Analysis	7470A		1	110710	GR	EET ATL	01/28/26 22:17
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 10:11
Total/NA	Analysis	353.2-1993 R2.0		2	888125	NVF	EET SAV	01/23/26 15:06
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

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, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41221-1
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	12-31-26

Laboratory: Eurofins Atlanta

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	562	12-31-26

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	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

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	12-31-26

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
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	12-31-26

Method Summary

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

Job ID: 752-41221-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
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, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

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

Job ID: 752-41221-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41221-1	822-MW-1	Water	01/20/26 10:35	01/20/26 16:45	North Carolina
752-41221-2	822-MW-2	Water	01/20/26 10:30	01/20/26 16:45	North Carolina
752-41221-3	822-MW-3	Water	01/20/26 11:50	01/20/26 16:45	North Carolina
752-41221-4	822-MW-4	Water	01/20/26 13:10	01/20/26 16:45	North Carolina
752-41221-5	822-MW-5	Water	01/20/26 12:35	01/20/26 16:45	North Carolina
752-41221-6	A-MW-7	Water	01/20/26 13:45	01/20/26 16:45	North Carolina
752-41221-7	A-MW-8	Water	01/20/26 14:40	01/20/26 16:45	North Carolina
752-41221-8	822-A-MW-9	Water	01/20/26 14:35	01/20/26 16:45	North Carolina
752-41221-9	822-MW-Dup-2	Water	01/20/26 00:00	01/20/26 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: CF/RM	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: 919-872-2660	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1/1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
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

752-41221 COC

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_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	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N		
822-MW-1	1-20-26	1035	G	W			✓	✓	✓	✓	✓	✓	✓		
822-MW-2		1030					✓	✓	✓	✓	✓	✓	✓		
822-MW-3		1150					✓	✓	✓	✓	✓	✓	✓		
822-MW-4		1310					✓	✓	✓	✓	✓	✓	✓		
822-MW-5		1235					✓	✓	✓	✓	✓	✓	✓		
A-MW-7		1345					✓	✓	✓	✓	✓	✓	✓		
A-MW-8		1440					✓	✓	✓	✓	✓	✓	✓		
822-A-MW-9		1435					✓	✓	✓	✓	✓	✓	✓		
822-MW-DUP-2		—					✓	✓	✓	✓	✓	✓	✓		

Initial Temperature: 2-9/20°C
Correction Factor: -0.3°C
Corrected Temperature: 2-6/17°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
	Relinquished by:	1-20-26 1640		Received by:	01/2026 1648	
	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: 752-7776 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 #: 752-41221-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 1/29/2026			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)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
822-MW-1 (752-41221-1)	1/20/26	10 35 Eastern	G	Water			X	X	2	
822-MW-2 (752-41221-2)	1/20/26	10 30 Eastern	G	Water			X	X	2	
822-MW-3 (752-41221-3)	1/20/26	11 50 Eastern	G	Water			X	X	2	
822-MW-4 (752-41221-4)	1/20/26	13 10 Eastern	G	Water			X	X	2	
822-MW-5 (752-41221-5)	1/20/26	12.35 Eastern	G	Water			X	X	2	
A-MW-7 (752-41221-6)	1/20/26	13 45 Eastern	G	Water			X	X	2	
A-MW-8 (752-41221-7)	1/20/26	14.40 Eastern	G	Water			X	X	2	
822-A-MW-9 (752-41221-8)	1/20/26	14 35 Eastern	G	Water			X	X	2	
822-MW-Dup-2 (752-41221-9)	1/20/26	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
PG	1/21/26 16:00				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1/22/26 0921	Company EETS

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 0.0°C 0.0°C 0.3°C 1.0°C ARH

Ver 10/10/2024

1/30/2026

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: 752-7777 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 Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41221-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 1/29/2026			
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31405				
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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
822-MW-1 (752-41221-1)	1/20/26	10 35 Eastern	G	Water			X	X	1	
822-MW-2 (752-41221-2)	1/20/26	10 30 Eastern	G	Water			X	X	1	
822-MW-3 (752-41221-3)	1/20/26	11 50 Eastern	G	Water			X	X	1	
822-MW-4 (752-41221-4)	1/20/26	13 10 Eastern	G	Water			X	X	1	
822-MW-5 (752-41221-5)	1/20/26	12.35 Eastern	G	Water			X	X	1	
A-MW-7 (752-41221-6)	1/20/26	13 45 Eastern	G	Water			X	X	1	
A-MW-8 (752-41221-7)	1/20/26	14 40 Eastern	G	Water			X	X	1	
822-A-MW-9 (752-41221-8)	1/20/26	14 35 Eastern	G	Water			X	X	1	
822-MW-Dup-2 (752-41221-9)	1/20/26	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
PG	1/21/26 1600			1/22/26 0920	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: 2.6/2.6

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: 752-7774 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 #: 752-41221-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 1/29/2026			
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)	8260D_LL/5030BVOC NC 02L List	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
822-MW-1 (752-41221-1)	1/20/26	10 35 Eastern	G	Water			X	X	X	X	5	Sulfate only
822-MW-2 (752-41221-2)	1/20/26	10 30 Eastern	G	Water			X	X	X	X	5	Sulfate only
822-MW-3 (752-41221-3)	1/20/26	11 50 Eastern	G	Water			X	X	X	X	5	, Sulfate only
822-MW-4 (752-41221-4)	1/20/26	13 10 Eastern	G	Water			X	X	X	X	5	, Sulfate only
822-MW-5 (752-41221-5)	1/20/26	12 35 Eastern	G	Water			X	X	X	X	5	Sulfate only
A-MW-7 (752-41221-6)	1/20/26	13 45 Eastern	G	Water			X	X	X	X	5	, Sulfate only
A-MW-8 (752-41221-7)	1/20/26	14 40 Eastern	G	Water			X	X	X	X	4	Sulfate only
822-A-MW-9 (752-41221-8)	1/20/26	14 35 Eastern	G	Water			X	X	X	X	5	Sulfate only
822-MW-Dup-2 (752-41221-9)	1/20/26	Eastern	G	Water			X	X	X	X	5	Sulfate only

Note Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
	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: 2665 09 2.1		

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41221-1

Login Number: 41221

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: 752-41221-1

Login Number: 41221
List Number: 3
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 01/22/26 11:41 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: 752-41221-1

Login Number: 41221
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 01/22/26 05:08 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, 0.3°C, 1.0°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: 752-41221-1

Login Number: 41221
List Number: 2
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 01/22/26 10:11 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 2/3/2026 7:13:56 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-41220-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

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2/3/2026 7:13:56 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: 752-41220-1
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
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.
^1+	Initial Calibration Verification (ICV) 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
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
752-41220-1

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 1/20/2026 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 3.2°C and 3.6°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.

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
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: 752-41220-1

Client Sample ID: A-MW-1 — Lab Sample ID: 752-41220-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	43.9		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	117		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.455	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.21	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	44.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.50	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	4.58	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0259	J F1	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.456		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.456		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: A-MW-2 — Lab Sample ID: 752-41220-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.65	J	10.0	4.04	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.274	J	1.00	0.175	ug/L	1		8260D	Total/NA
Sulfate	15.8		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	5.26		5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	450		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	1.25	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	0.703	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	2080		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.10	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.191		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0750	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0750	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: A-MW-3 — Lab Sample ID: 752-41220-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	63.6		10.0	7.67	mg/L	10		9056A	Total/NA
Barium	87.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	2.16	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	4.99		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	4370		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.50	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.85	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.108		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: A-MW-3 (Continued) — Lab Sample ID: 752-41220-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.108		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: A-MW-4 — Lab Sample ID: 752-41220-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	7.94		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	2.61	J ^+	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	51.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.38	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	4.25	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.841	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.08	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0252	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0350	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0350	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: A-MW-6 — Lab Sample ID: 752-41220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.351	J	1.00	0.175	ug/L	1		8260D	Total/NA
Sulfate	21.3		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	247		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.68	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	8.79		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	15.9		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.66	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.236		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.236		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-MW-6 — Lab Sample ID: 752-41220-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	24.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	178		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.35	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	30.1		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.519	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.82	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	871		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0372	J	0.0500	0.0200	mg/L	1		350.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-MW-6 (Continued) — Lab Sample ID: 752-41220-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate Nitrite as N	0.141	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.141		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-41220-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	9.73		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	4.39	J ^+	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	266		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	1.33		1.00	0.147	ug/L	1		6020B	Total Recoverable
Chromium	21.1		5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	8.67		5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	16.9		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	7.85		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	732		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	16.8		5.00	0.422	ug/L	1		6020B	Total Recoverable
Thallium	0.271	J	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	31.6		5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	40.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.57	F1	0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	1.54		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 822-MW-Dup-1 — Lab Sample ID: 752-41220-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	65.4		10.0	7.67	mg/L	10		9056A	Total/NA
Barium	93.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	2.60	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	4.46		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	3690		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.56	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.51	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0209	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.197		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.197		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-41220-1

Client Sample ID: A-MW-1
Date Collected: 01/19/26 12:05
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 17:29	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 17:29	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 17:29	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 17:29	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 17:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 17:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 17:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 17:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 17:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 17:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 17:29	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 17:29	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 17:29	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 17:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 17:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 17:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 17:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 17:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 17:29	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 17:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 17:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 17:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 17:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 17:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 17:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 17:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 17:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 17:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 17:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 17:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 17:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 17:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 17:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 17:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 17:29	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 17:29	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 17:29	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 17:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 17:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 17:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 17:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 17:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 17:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 17:29	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 17:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 17:29	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 17:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 17:29	1

Client Sample ID: A-MW-1
Date Collected: 01/19/26 12:05
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-1
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		1.00	0.270	ug/L			01/22/26 17:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 17:29	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 17:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 17:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 17:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 17:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 17:29	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 17:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 17:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 17:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 17:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 17:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 17:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 17:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 17:29	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 17:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 17:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 17:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 17:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 17:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 17:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 17:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*01/22/26 17:29*	*1*
Dibromofluoromethane	*98*		*77 - 121*		*01/22/26 17:29*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/22/26 17:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		01/26/26 13:32	01/27/26 15:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*56*		*40 - 150*	*01/26/26 13:32*	*01/27/26 15:10*	*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		9.97	0.419	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		01/23/26 12:47	01/27/26 18:28	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		01/23/26 12:47	01/27/26 18:28	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		01/23/26 12:47	01/27/26 18:28	1
2-Chlorophenol	ND		9.97	0.837	ug/L		01/23/26 12:47	01/27/26 18:28	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		01/23/26 12:47	01/27/26 18:28	1
2-Methylphenol	ND		9.97	0.757	ug/L		01/23/26 12:47	01/27/26 18:28	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-1
Date Collected: 01/19/26 12:05
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		01/23/26 12:47	01/27/26 18:28	1
2-Nitrophenol	ND		9.97	1.17	ug/L		01/23/26 12:47	01/27/26 18:28	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		01/23/26 12:47	01/27/26 18:28	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		01/23/26 12:47	01/27/26 18:28	1
3-Nitroaniline	ND		9.97	0.947	ug/L		01/23/26 12:47	01/27/26 18:28	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		01/23/26 12:47	01/27/26 18:28	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		01/23/26 12:47	01/27/26 18:28	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		01/23/26 12:47	01/27/26 18:28	1
4-Chloroaniline	ND		9.97	0.578	ug/L		01/23/26 12:47	01/27/26 18:28	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		01/23/26 12:47	01/27/26 18:28	1
4-Nitroaniline	ND		9.97	3.49	ug/L		01/23/26 12:47	01/27/26 18:28	1
4-Nitrophenol	ND		9.97	2.73	ug/L		01/23/26 12:47	01/27/26 18:28	1
Acenaphthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/27/26 18:28	1
Acenaphthylene	ND		9.97	0.757	ug/L		01/23/26 12:47	01/27/26 18:28	1
Acetophenone	ND		9.97	3.19	ug/L		01/23/26 12:47	01/27/26 18:28	1
Anthracene	ND		9.97	0.907	ug/L		01/23/26 12:47	01/27/26 18:28	1
Atrazine	ND		9.97	1.13	ug/L		01/23/26 12:47	01/27/26 18:28	1
Benzaldehyde	ND		9.97	0.668	ug/L		01/23/26 12:47	01/27/26 18:28	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		01/23/26 12:47	01/27/26 18:28	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/27/26 18:28	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/27/26 18:28	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/27/26 18:28	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/27/26 18:28	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		01/23/26 12:47	01/27/26 18:28	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		01/23/26 12:47	01/27/26 18:28	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		01/23/26 12:47	01/27/26 18:28	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 18:28	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 18:28	1
Caprolactam	ND		9.97	2.39	ug/L		01/23/26 12:47	01/27/26 18:28	1
Carbazole	ND		9.97	0.319	ug/L		01/23/26 12:47	01/27/26 18:28	1
Chrysene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/27/26 18:28	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		01/23/26 12:47	01/27/26 18:28	1
Dibenzofuran	ND		9.97	0.638	ug/L		01/23/26 12:47	01/27/26 18:28	1
Diethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 18:28	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 18:28	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		01/23/26 12:47	01/27/26 18:28	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 18:28	1
Fluoranthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/27/26 18:28	1
Fluorene	ND		9.97	0.668	ug/L		01/23/26 12:47	01/27/26 18:28	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		01/23/26 12:47	01/27/26 18:28	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		01/23/26 12:47	01/27/26 18:28	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		01/23/26 12:47	01/27/26 18:28	1
Hexachloroethane	ND		9.97	0.528	ug/L		01/23/26 12:47	01/27/26 18:28	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/27/26 18:28	1
Isophorone	ND		9.97	0.797	ug/L		01/23/26 12:47	01/27/26 18:28	1
Naphthalene	ND		9.97	0.748	ug/L		01/23/26 12:47	01/27/26 18:28	1
Nitrobenzene	ND		9.97	0.598	ug/L		01/23/26 12:47	01/27/26 18:28	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		01/23/26 12:47	01/27/26 18:28	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		01/23/26 12:47	01/27/26 18:28	1

Client Sample ID: A-MW-1

Date Collected: 01/19/26 12:05
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		01/23/26 12:47	01/27/26 18:28	1
Phenanthrene	ND		9.97	0.738	ug/L		01/23/26 12:47	01/27/26 18:28	1
Phenol	ND		9.97	0.678	ug/L		01/23/26 12:47	01/27/26 18:28	1
Pyrene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/27/26 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*01/23/26 12:47*	*01/27/26 18:28*	*1*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*	*01/23/26 12:47*	*01/27/26 18:28*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*01/23/26 12:47*	*01/27/26 18:28*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*01/23/26 12:47*	*01/27/26 18:28*	*1*
Phenol-d5 (Surr)	*76*		*10 - 150*	*01/23/26 12:47*	*01/27/26 18:28*	*1*
Terphenyl-d14 (Surr)	*37*		*28 - 150*	*01/23/26 12:47*	*01/27/26 18:28*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**43.9**		1.00	0.767	mg/L			01/23/26 02:03	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		01/22/26 14:18	01/24/26 15:34	1
Arsenic	ND		5.00	1.32	ug/L		01/22/26 14:18	01/24/26 15:34	1
Barium	**117**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 15:34	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 15:34	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 15:34	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 15:34	1
Cobalt	**0.455**	**J**	5.00	0.411	ug/L		01/22/26 14:18	01/24/26 15:34	1
Copper	**1.21**	**J**	2.00	0.642	ug/L		01/22/26 14:18	01/24/26 15:34	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 15:34	1
Manganese	**44.2**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 15:34	1
Nickel	**4.50**	**J**	5.00	0.422	ug/L		01/22/26 14:18	01/24/26 15:34	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 15:34	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 15:34	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 15:34	1
Vanadium	**4.58**	**J**	5.00	1.22	ug/L		01/22/26 14:18	01/24/26 15:34	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 15:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0259**	**J F1**	0.0500	0.0200	mg/L			01/23/26 09:33	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.456**		0.100	0.0100	mg/L			01/23/26 12:00	1
Nitrate as N (SM Nitrate by calc)	**0.456**		0.100	0.0100	mg/L			01/28/26 14:13	1

Client Sample ID: A-MW-2
Date Collected: 01/19/26 12:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.65**	**J**	10.0	4.04	ug/L			01/23/26 13:51	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 17:52	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 17:52	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 17:52	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 17:52	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 17:52	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 17:52	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 17:52	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 17:52	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 17:52	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 17:52	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 17:52	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 17:52	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 17:52	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 17:52	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 17:52	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 17:52	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 17:52	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 17:52	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 17:52	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 17:52	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 17:52	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 17:52	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 17:52	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 17:52	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 17:52	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 17:52	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 17:52	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 17:52	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 17:52	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 17:52	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 17:52	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 17:52	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 17:52	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 17:52	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 17:52	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 17:52	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 17:52	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 17:52	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 17:52	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 17:52	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 17:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 17:52	1
Methyl tert-butyl ether	**0.274**	**J**	1.00	0.175	ug/L			01/22/26 17:52	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 17:52	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 17:52	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 17:52	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 17:52	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 17:52	1

Client Sample ID: A-MW-2
Date Collected: 01/19/26 12:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-2
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		1.00	0.270	ug/L			01/22/26 17:52	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 17:52	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 17:52	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 17:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 17:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 17:52	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 17:52	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 17:52	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 17:52	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 17:52	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 17:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 17:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 17:52	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 17:52	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 17:52	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 17:52	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 17:52	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 17:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 17:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 17:52	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 17:52	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 17:52	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/22/26 17:52*	*1*
4-Bromofluorobenzene	*105*		*70 - 126*		*01/23/26 13:51*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*01/22/26 17:52*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*01/23/26 13:51*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/22/26 17:52*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/23/26 13:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.292	0.292	ug/L		01/26/26 13:32	01/27/26 15:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*52*		*40 - 150*	*01/26/26 13:32*	*01/27/26 15:40*	*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		9.68	0.406	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,4,5-Trichlorophenol	ND		9.68	0.523	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,4,6-Trichlorophenol	ND		9.68	1.05	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,4-Dichlorophenol	ND		9.68	0.552	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,4-Dimethylphenol	ND		9.68	0.232	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,4-Dinitrophenol	ND		29.0	4.53	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,4-Dinitrotoluene	ND		9.68	0.629	ug/L		01/23/26 12:47	01/27/26 19:00	1
2,6-Dinitrotoluene	ND		9.68	0.281	ug/L		01/23/26 12:47	01/27/26 19:00	1
2-Chloronaphthalene	ND		9.68	0.368	ug/L		01/23/26 12:47	01/27/26 19:00	1

Client Sample ID: A-MW-2
Date Collected: 01/19/26 12:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		9.68	0.813	ug/L		01/23/26 12:47	01/27/26 19:00	1
2-Methylnaphthalene	ND		9.68	0.784	ug/L		01/23/26 12:47	01/27/26 19:00	1
2-Methylphenol	ND		9.68	0.735	ug/L		01/23/26 12:47	01/27/26 19:00	1
2-Nitroaniline	ND		9.68	1.33	ug/L		01/23/26 12:47	01/27/26 19:00	1
2-Nitrophenol	ND		9.68	1.13	ug/L		01/23/26 12:47	01/27/26 19:00	1
3 & 4 Methylphenol	ND		19.4	4.45	ug/L		01/23/26 12:47	01/27/26 19:00	1
3,3'-Dichlorobenzidine	ND		10.6	0.397	ug/L		01/23/26 12:47	01/27/26 19:00	1
3-Nitroaniline	ND		9.68	0.919	ug/L		01/23/26 12:47	01/27/26 19:00	1
4,6-Dinitro-2-methylphenol	ND		9.68	1.91	ug/L		01/23/26 12:47	01/27/26 19:00	1
4-Bromophenyl phenyl ether	ND		9.68	0.126	ug/L		01/23/26 12:47	01/27/26 19:00	1
4-Chloro-3-methylphenol	ND		9.68	0.706	ug/L		01/23/26 12:47	01/27/26 19:00	1
4-Chloroaniline	ND		9.68	0.561	ug/L		01/23/26 12:47	01/27/26 19:00	1
4-Chlorophenyl phenyl ether	ND		9.68	0.232	ug/L		01/23/26 12:47	01/27/26 19:00	1
4-Nitroaniline	ND		9.68	3.39	ug/L		01/23/26 12:47	01/27/26 19:00	1
4-Nitrophenol	ND		9.68	2.65	ug/L		01/23/26 12:47	01/27/26 19:00	1
Acenaphthene	ND		9.68	0.610	ug/L		01/23/26 12:47	01/27/26 19:00	1
Acenaphthylene	ND		9.68	0.735	ug/L		01/23/26 12:47	01/27/26 19:00	1
Acetophenone	ND		9.68	3.10	ug/L		01/23/26 12:47	01/27/26 19:00	1
Anthracene	ND		9.68	0.881	ug/L		01/23/26 12:47	01/27/26 19:00	1
Atrazine	ND		9.68	1.09	ug/L		01/23/26 12:47	01/27/26 19:00	1
Benzaldehyde	ND		9.68	0.648	ug/L		01/23/26 12:47	01/27/26 19:00	1
Benzo[a]anthracene	ND		9.68	0.968	ug/L		01/23/26 12:47	01/27/26 19:00	1
Benzo[a]pyrene	ND		9.68	1.06	ug/L		01/23/26 12:47	01/27/26 19:00	1
Benzo[b]fluoranthene	ND		9.68	1.16	ug/L		01/23/26 12:47	01/27/26 19:00	1
Benzo[g,h,i]perylene	ND		9.68	1.45	ug/L		01/23/26 12:47	01/27/26 19:00	1
Benzo[k]fluoranthene	ND		9.68	1.45	ug/L		01/23/26 12:47	01/27/26 19:00	1
bis (2-chloroisopropyl) ether	ND		9.68	0.900	ug/L		01/23/26 12:47	01/27/26 19:00	1
Bis(2-chloroethoxy)methane	ND		9.68	0.329	ug/L		01/23/26 12:47	01/27/26 19:00	1
Bis(2-chloroethyl)ether	ND		9.68	0.706	ug/L		01/23/26 12:47	01/27/26 19:00	1
Bis(2-ethylhexyl) phthalate	ND		9.68	3.87	ug/L		01/23/26 12:47	01/27/26 19:00	1
Butyl benzyl phthalate	ND		9.68	3.87	ug/L		01/23/26 12:47	01/27/26 19:00	1
Caprolactam	ND		9.68	2.32	ug/L		01/23/26 12:47	01/27/26 19:00	1
Carbazole	ND		9.68	0.310	ug/L		01/23/26 12:47	01/27/26 19:00	1
Chrysene	ND		9.68	1.16	ug/L		01/23/26 12:47	01/27/26 19:00	1
Dibenz(a,h)anthracene	ND		9.68	1.26	ug/L		01/23/26 12:47	01/27/26 19:00	1
Dibenzofuran	ND		9.68	0.619	ug/L		01/23/26 12:47	01/27/26 19:00	1
Diethyl phthalate	ND		9.68	3.87	ug/L		01/23/26 12:47	01/27/26 19:00	1
Dimethyl phthalate	ND		9.68	3.87	ug/L		01/23/26 12:47	01/27/26 19:00	1
Di-n-butyl phthalate	ND		9.68	7.93	ug/L		01/23/26 12:47	01/27/26 19:00	1
Di-n-octyl phthalate	ND		9.68	3.87	ug/L		01/23/26 12:47	01/27/26 19:00	1
Fluoranthene	ND		9.68	0.610	ug/L		01/23/26 12:47	01/27/26 19:00	1
Fluorene	ND		9.68	0.648	ug/L		01/23/26 12:47	01/27/26 19:00	1
Hexachlorobenzene	ND		9.68	0.242	ug/L		01/23/26 12:47	01/27/26 19:00	1
Hexachlorobutadiene	ND		9.68	0.532	ug/L		01/23/26 12:47	01/27/26 19:00	1
Hexachlorocyclopentadiene	ND		19.4	0.310	ug/L		01/23/26 12:47	01/27/26 19:00	1
Hexachloroethane	ND		9.68	0.513	ug/L		01/23/26 12:47	01/27/26 19:00	1
Indeno[1,2,3-cd]pyrene	ND		9.68	1.06	ug/L		01/23/26 12:47	01/27/26 19:00	1
Isophorone	ND		9.68	0.774	ug/L		01/23/26 12:47	01/27/26 19:00	1
Naphthalene	ND		9.68	0.726	ug/L		01/23/26 12:47	01/27/26 19:00	1

Client Sample ID: A-MW-2
Date Collected: 01/19/26 12:40
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		9.68	0.581	ug/L		01/23/26 12:47	01/27/26 19:00	1
N-Nitrosodi-n-propylamine	ND		9.68	0.319	ug/L		01/23/26 12:47	01/27/26 19:00	1
N-Nitrosodiphenylamine	ND		9.68	0.184	ug/L		01/23/26 12:47	01/27/26 19:00	1
Pentachlorophenol	ND		9.68	2.71	ug/L		01/23/26 12:47	01/27/26 19:00	1
Phenanthrene	ND		9.68	0.716	ug/L		01/23/26 12:47	01/27/26 19:00	1
Phenol	ND		9.68	0.658	ug/L		01/23/26 12:47	01/27/26 19:00	1
Pyrene	ND		9.68	0.610	ug/L		01/23/26 12:47	01/27/26 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 150*	*01/23/26 12:47*	*01/27/26 19:00*	*1*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*	*01/23/26 12:47*	*01/27/26 19:00*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 150*	*01/23/26 12:47*	*01/27/26 19:00*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 150*	*01/23/26 12:47*	*01/27/26 19:00*	*1*
Phenol-d5 (Surr)	*55*		*10 - 150*	*01/23/26 12:47*	*01/27/26 19:00*	*1*
Terphenyl-d14 (Surr)	*38*		*28 - 150*	*01/23/26 12:47*	*01/27/26 19:00*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**15.8**		1.00	0.767	mg/L			01/23/26 02:14	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		01/22/26 14:18	01/24/26 15:37	1
Arsenic	**5.26**		5.00	1.32	ug/L		01/22/26 14:18	01/24/26 15:37	1
Barium	**450**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 15:37	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 15:37	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 15:37	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 15:37	1
Cobalt	**1.25**	**J**	5.00	0.411	ug/L		01/22/26 14:18	01/24/26 15:37	1
Copper	**0.703**	**J**	2.00	0.642	ug/L		01/22/26 14:18	01/24/26 15:37	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 15:37	1
Manganese	**2080**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 15:37	1
Nickel	**2.10**	**J**	5.00	0.422	ug/L		01/22/26 14:18	01/24/26 15:37	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 15:37	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 15:37	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 15:37	1
Vanadium	ND		5.00	1.22	ug/L		01/22/26 14:18	01/24/26 15:37	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 15:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.191**		0.0500	0.0200	mg/L			01/23/26 09:38	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0750**	**J**	0.100	0.0100	mg/L			01/23/26 12:02	1
Nitrate as N (SM Nitrate by calc)	**0.0750**	**J**	0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-3
Date Collected: 01/19/26 13:20
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 18:15	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 18:15	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 18:15	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 18:15	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 18:15	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 18:15	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 18:15	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 18:15	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 18:15	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 18:15	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 18:15	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 18:15	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 18:15	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 18:15	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 18:15	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 18:15	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 18:15	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 18:15	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 18:15	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 18:15	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:15	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 18:15	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:15	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 18:15	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 18:15	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 18:15	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 18:15	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 18:15	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 18:15	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 18:15	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 18:15	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 18:15	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:15	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 18:15	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 18:15	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 18:15	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 18:15	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 18:15	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 18:15	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 18:15	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 18:15	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 18:15	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 18:15	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 18:15	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 18:15	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 18:15	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 18:15	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 18:15	1

Client Sample ID: A-MW-3
Date Collected: 01/19/26 13:20
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-3
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		1.00	0.270	ug/L			01/22/26 18:15	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 18:15	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 18:15	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 18:15	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 18:15	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 18:15	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 18:15	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 18:15	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 18:15	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 18:15	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 18:15	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 18:15	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 18:15	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 18:15	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 18:15	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 18:15	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 18:15	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 18:15	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 18:15	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:15	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 18:15	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 18:15	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 126*		*01/22/26 18:15*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*01/22/26 18:15*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/22/26 18:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/26/26 13:32	01/27/26 16:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*40 - 150*	*01/26/26 13:32*	*01/27/26 16:10*	*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	0.423	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		01/23/26 12:47	01/27/26 19:33	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		01/23/26 12:47	01/27/26 19:33	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		01/23/26 12:47	01/27/26 19:33	1
2-Chlorophenol	ND		10.1	0.846	ug/L		01/23/26 12:47	01/27/26 19:33	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		01/23/26 12:47	01/27/26 19:33	1
2-Methylphenol	ND		10.1	0.765	ug/L		01/23/26 12:47	01/27/26 19:33	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-3
Date Collected: 01/19/26 13:20
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		01/23/26 12:47	01/27/26 19:33	1
2-Nitrophenol	ND		10.1	1.18	ug/L		01/23/26 12:47	01/27/26 19:33	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		01/23/26 12:47	01/27/26 19:33	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		01/23/26 12:47	01/27/26 19:33	1
3-Nitroaniline	ND		10.1	0.956	ug/L		01/23/26 12:47	01/27/26 19:33	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		01/23/26 12:47	01/27/26 19:33	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		01/23/26 12:47	01/27/26 19:33	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		01/23/26 12:47	01/27/26 19:33	1
4-Chloroaniline	ND		10.1	0.584	ug/L		01/23/26 12:47	01/27/26 19:33	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		01/23/26 12:47	01/27/26 19:33	1
4-Nitroaniline	ND		10.1	3.52	ug/L		01/23/26 12:47	01/27/26 19:33	1
4-Nitrophenol	ND		10.1	2.76	ug/L		01/23/26 12:47	01/27/26 19:33	1
Acenaphthene	ND		10.1	0.634	ug/L		01/23/26 12:47	01/27/26 19:33	1
Acenaphthylene	ND		10.1	0.765	ug/L		01/23/26 12:47	01/27/26 19:33	1
Acetophenone	ND		10.1	3.22	ug/L		01/23/26 12:47	01/27/26 19:33	1
Anthracene	ND		10.1	0.916	ug/L		01/23/26 12:47	01/27/26 19:33	1
Atrazine	ND		10.1	1.14	ug/L		01/23/26 12:47	01/27/26 19:33	1
Benzaldehyde	ND		10.1	0.674	ug/L		01/23/26 12:47	01/27/26 19:33	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/23/26 12:47	01/27/26 19:33	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/23/26 12:47	01/27/26 19:33	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		01/23/26 12:47	01/27/26 19:33	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		01/23/26 12:47	01/27/26 19:33	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		01/23/26 12:47	01/27/26 19:33	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		01/23/26 12:47	01/27/26 19:33	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		01/23/26 12:47	01/27/26 19:33	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		01/23/26 12:47	01/27/26 19:33	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 19:33	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 19:33	1
Caprolactam	ND		10.1	2.42	ug/L		01/23/26 12:47	01/27/26 19:33	1
Carbazole	ND		10.1	0.322	ug/L		01/23/26 12:47	01/27/26 19:33	1
Chrysene	ND		10.1	1.21	ug/L		01/23/26 12:47	01/27/26 19:33	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		01/23/26 12:47	01/27/26 19:33	1
Dibenzofuran	ND		10.1	0.644	ug/L		01/23/26 12:47	01/27/26 19:33	1
Diethyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 19:33	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 19:33	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		01/23/26 12:47	01/27/26 19:33	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		01/23/26 12:47	01/27/26 19:33	1
Fluoranthene	ND		10.1	0.634	ug/L		01/23/26 12:47	01/27/26 19:33	1
Fluorene	ND		10.1	0.674	ug/L		01/23/26 12:47	01/27/26 19:33	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		01/23/26 12:47	01/27/26 19:33	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		01/23/26 12:47	01/27/26 19:33	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		01/23/26 12:47	01/27/26 19:33	1
Hexachloroethane	ND		10.1	0.534	ug/L		01/23/26 12:47	01/27/26 19:33	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/23/26 12:47	01/27/26 19:33	1
Isophorone	ND		10.1	0.805	ug/L		01/23/26 12:47	01/27/26 19:33	1
Naphthalene	ND		10.1	0.755	ug/L		01/23/26 12:47	01/27/26 19:33	1
Nitrobenzene	ND		10.1	0.604	ug/L		01/23/26 12:47	01/27/26 19:33	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		01/23/26 12:47	01/27/26 19:33	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		01/23/26 12:47	01/27/26 19:33	1

Client Sample ID: A-MW-3
Date Collected: 01/19/26 13:20
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.82	ug/L		01/23/26 12:47	01/27/26 19:33	1
Phenanthrene	ND		10.1	0.745	ug/L		01/23/26 12:47	01/27/26 19:33	1
Phenol	ND		10.1	0.685	ug/L		01/23/26 12:47	01/27/26 19:33	1
Pyrene	ND		10.1	0.634	ug/L		01/23/26 12:47	01/27/26 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*	*01/23/26 12:47*	*01/27/26 19:33*	*1*
2-Fluorobiphenyl (Surr)	*59*		*25 - 139*	*01/23/26 12:47*	*01/27/26 19:33*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*01/23/26 12:47*	*01/27/26 19:33*	*1*
Nitrobenzene-d5 (Surr)	*62*		*22 - 150*	*01/23/26 12:47*	*01/27/26 19:33*	*1*
Phenol-d5 (Surr)	*72*		*10 - 150*	*01/23/26 12:47*	*01/27/26 19:33*	*1*
Terphenyl-d14 (Surr)	*28*		*28 - 150*	*01/23/26 12:47*	*01/27/26 19:33*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**63.6**		10.0	7.67	mg/L			01/23/26 19:39	10

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		01/22/26 14:18	01/24/26 15:40	1
Arsenic	ND		5.00	1.32	ug/L		01/22/26 14:18	01/24/26 15:40	1
Barium	**87.4**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 15:40	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 15:40	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 15:40	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 15:40	1
Cobalt	**2.16**	**J**	5.00	0.411	ug/L		01/22/26 14:18	01/24/26 15:40	1
Copper	**4.99**		2.00	0.642	ug/L		01/22/26 14:18	01/24/26 15:40	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 15:40	1
Manganese	**4370**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 15:40	1
Nickel	**4.50**	**J**	5.00	0.422	ug/L		01/22/26 14:18	01/24/26 15:40	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 15:40	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 15:40	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 15:40	1
Vanadium	**3.85**	**J**	5.00	1.22	ug/L		01/22/26 14:18	01/24/26 15:40	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 15:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 09:40	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.108**		0.100	0.0100	mg/L			01/23/26 12:04	1
Nitrate as N (SM Nitrate by calc)	**0.108**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-4
Date Collected: 01/19/26 10:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 19:06	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 19:06	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 19:06	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 19:06	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 19:06	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 19:06	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 19:06	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 19:06	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 19:06	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 19:06	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 19:06	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 19:06	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 19:06	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 19:06	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 19:06	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 19:06	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 19:06	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 19:06	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 19:06	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 19:06	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:06	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 19:06	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:06	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 19:06	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 19:06	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 19:06	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 19:06	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 19:06	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 19:06	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 19:06	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 19:06	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 19:06	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:06	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 19:06	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 19:06	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 19:06	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 19:06	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 19:06	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 19:06	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 19:06	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 19:06	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 19:06	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 19:06	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 19:06	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 19:06	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 19:06	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 19:06	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 19:06	1

Client Sample ID: A-MW-4
Date Collected: 01/19/26 10:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-4
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		1.00	0.270	ug/L			01/22/26 19:06	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 19:06	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 19:06	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 19:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 19:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 19:06	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 19:06	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 19:06	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 19:06	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 19:06	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 19:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 19:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 19:06	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 19:06	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 19:06	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 19:06	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 19:06	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 19:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 19:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:06	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 19:06	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 19:06	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*01/22/26 19:06*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*01/22/26 19:06*	*1*
Toluene-d8 (Surr)	*96*		*79 - 119*		*01/22/26 19:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/26/26 13:32	01/27/26 16:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*40 - 150*	*01/26/26 13:32*	*01/27/26 16:39*	*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		01/23/26 12:47	01/27/26 20:05	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		01/23/26 12:47	01/27/26 20:05	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		01/23/26 12:47	01/27/26 20:05	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		01/23/26 12:47	01/27/26 20:05	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		01/23/26 12:47	01/27/26 20:05	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		01/23/26 12:47	01/27/26 20:05	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		01/23/26 12:47	01/27/26 20:05	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		01/23/26 12:47	01/27/26 20:05	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		01/23/26 12:47	01/27/26 20:05	1
2-Chlorophenol	ND		9.97	0.837	ug/L		01/23/26 12:47	01/27/26 20:05	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		01/23/26 12:47	01/27/26 20:05	1
2-Methylphenol	ND		9.97	0.757	ug/L		01/23/26 12:47	01/27/26 20:05	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-4
Date Collected: 01/19/26 10:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		01/23/26 12:47	01/27/26 20:05	1
2-Nitrophenol	ND		9.97	1.17	ug/L		01/23/26 12:47	01/27/26 20:05	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		01/23/26 12:47	01/27/26 20:05	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		01/23/26 12:47	01/27/26 20:05	1
3-Nitroaniline	ND		9.97	0.947	ug/L		01/23/26 12:47	01/27/26 20:05	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		01/23/26 12:47	01/27/26 20:05	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		01/23/26 12:47	01/27/26 20:05	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		01/23/26 12:47	01/27/26 20:05	1
4-Chloroaniline	ND		9.97	0.578	ug/L		01/23/26 12:47	01/27/26 20:05	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		01/23/26 12:47	01/27/26 20:05	1
4-Nitroaniline	ND		9.97	3.49	ug/L		01/23/26 12:47	01/27/26 20:05	1
4-Nitrophenol	ND		9.97	2.73	ug/L		01/23/26 12:47	01/27/26 20:05	1
Acenaphthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/27/26 20:05	1
Acenaphthylene	ND		9.97	0.757	ug/L		01/23/26 12:47	01/27/26 20:05	1
Acetophenone	ND		9.97	3.19	ug/L		01/23/26 12:47	01/27/26 20:05	1
Anthracene	ND		9.97	0.907	ug/L		01/23/26 12:47	01/27/26 20:05	1
Atrazine	ND		9.97	1.13	ug/L		01/23/26 12:47	01/27/26 20:05	1
Benzaldehyde	ND		9.97	0.668	ug/L		01/23/26 12:47	01/27/26 20:05	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		01/23/26 12:47	01/27/26 20:05	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/27/26 20:05	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/27/26 20:05	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/27/26 20:05	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		01/23/26 12:47	01/27/26 20:05	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		01/23/26 12:47	01/27/26 20:05	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		01/23/26 12:47	01/27/26 20:05	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		01/23/26 12:47	01/27/26 20:05	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 20:05	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 20:05	1
Caprolactam	ND		9.97	2.39	ug/L		01/23/26 12:47	01/27/26 20:05	1
Carbazole	ND		9.97	0.319	ug/L		01/23/26 12:47	01/27/26 20:05	1
Chrysene	ND		9.97	1.20	ug/L		01/23/26 12:47	01/27/26 20:05	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		01/23/26 12:47	01/27/26 20:05	1
Dibenzofuran	ND		9.97	0.638	ug/L		01/23/26 12:47	01/27/26 20:05	1
Diethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 20:05	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 20:05	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		01/23/26 12:47	01/27/26 20:05	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		01/23/26 12:47	01/27/26 20:05	1
Fluoranthene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/27/26 20:05	1
Fluorene	ND		9.97	0.668	ug/L		01/23/26 12:47	01/27/26 20:05	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		01/23/26 12:47	01/27/26 20:05	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		01/23/26 12:47	01/27/26 20:05	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		01/23/26 12:47	01/27/26 20:05	1
Hexachloroethane	ND		9.97	0.528	ug/L		01/23/26 12:47	01/27/26 20:05	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		01/23/26 12:47	01/27/26 20:05	1
Isophorone	ND		9.97	0.797	ug/L		01/23/26 12:47	01/27/26 20:05	1
Naphthalene	ND		9.97	0.748	ug/L		01/23/26 12:47	01/27/26 20:05	1
Nitrobenzene	ND		9.97	0.598	ug/L		01/23/26 12:47	01/27/26 20:05	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		01/23/26 12:47	01/27/26 20:05	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		01/23/26 12:47	01/27/26 20:05	1

Client Sample ID: A-MW-4
Date Collected: 01/19/26 10:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		01/23/26 12:47	01/27/26 20:05	1
Phenanthrene	ND		9.97	0.738	ug/L		01/23/26 12:47	01/27/26 20:05	1
Phenol	ND		9.97	0.678	ug/L		01/23/26 12:47	01/27/26 20:05	1
Pyrene	ND		9.97	0.628	ug/L		01/23/26 12:47	01/27/26 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*01/23/26 12:47*	*01/27/26 20:05*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*01/23/26 12:47*	*01/27/26 20:05*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*01/23/26 12:47*	*01/27/26 20:05*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*01/23/26 12:47*	*01/27/26 20:05*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*01/23/26 12:47*	*01/27/26 20:05*	*1*
Terphenyl-d14 (Surr)	*39*		*28 - 150*	*01/23/26 12:47*	*01/27/26 20:05*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**7.94**		1.00	0.767	mg/L			01/23/26 02:25	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		01/22/26 14:18	01/24/26 05:08	1
Arsenic	**2.61**	**J ^+**	5.00	1.32	ug/L		01/22/26 14:18	01/24/26 05:08	1
Barium	**51.1**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 05:08	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 05:08	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 05:08	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 05:08	1
Cobalt	ND		5.00	0.411	ug/L		01/22/26 14:18	01/24/26 05:08	1
Copper	**1.38**	**J**	2.00	0.642	ug/L		01/22/26 14:18	01/24/26 05:08	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 05:08	1
Manganese	**4.25**	**J**	5.00	1.29	ug/L		01/22/26 14:18	01/24/26 05:08	1
Nickel	**0.841**	**J**	5.00	0.422	ug/L		01/22/26 14:18	01/24/26 05:08	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 05:08	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 05:08	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 05:08	1
Vanadium	**3.08**	**J**	5.00	1.22	ug/L		01/22/26 14:18	01/24/26 05:08	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 05:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0252**	**J**	0.0500	0.0200	mg/L			01/23/26 09:41	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0350**	**J**	0.100	0.0100	mg/L			01/23/26 12:10	1
Nitrate as N (SM Nitrate by calc)	**0.0350**	**J**	0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-6
Date Collected: 01/19/26 16:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 18:16	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 18:16	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 18:16	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 18:16	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 18:16	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 18:16	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 18:16	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 18:16	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 18:16	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 18:16	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 18:16	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 18:16	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 18:16	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 18:16	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 18:16	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 18:16	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 18:16	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 18:16	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 18:16	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 18:16	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:16	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 18:16	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 18:16	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 18:16	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 18:16	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 18:16	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 18:16	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 18:16	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 18:16	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 18:16	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 18:16	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 18:16	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:16	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 18:16	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 18:16	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 18:16	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 18:16	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 18:16	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 18:16	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 18:16	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 18:16	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 18:16	1
Methyl tert-butyl ether	**0.351**	**J**	1.00	0.175	ug/L			01/22/26 18:16	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 18:16	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 18:16	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 18:16	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 18:16	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 18:16	1

Client Sample ID: A-MW-6
Date Collected: 01/19/26 16:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-5
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		1.00	0.270	ug/L			01/22/26 18:16	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 18:16	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 18:16	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 18:16	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 18:16	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 18:16	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 18:16	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 18:16	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 18:16	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 18:16	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 18:16	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 18:16	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 18:16	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 18:16	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 18:16	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 18:16	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 18:16	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 18:16	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 18:16	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 18:16	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 18:16	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 18:16	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/22/26 18:16*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*01/22/26 18:16*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/22/26 18:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/26/26 13:32	01/27/26 17:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*62*		*40 - 150*	*01/26/26 13:32*	*01/27/26 17:09*	*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		9.80	0.412	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		01/23/26 12:47	01/27/26 20:37	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		01/23/26 12:47	01/27/26 20:37	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		01/23/26 12:47	01/27/26 20:37	1
2-Chlorophenol	ND		9.80	0.824	ug/L		01/23/26 12:47	01/27/26 20:37	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		01/23/26 12:47	01/27/26 20:37	1
2-Methylphenol	ND		9.80	0.745	ug/L		01/23/26 12:47	01/27/26 20:37	1

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

Job ID: 752-41220-1

Client Sample ID: A-MW-6
Date Collected: 01/19/26 16:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.80	1.34	ug/L		01/23/26 12:47	01/27/26 20:37	1
2-Nitrophenol	ND		9.80	1.15	ug/L		01/23/26 12:47	01/27/26 20:37	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		01/23/26 12:47	01/27/26 20:37	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		01/23/26 12:47	01/27/26 20:37	1
3-Nitroaniline	ND		9.80	0.931	ug/L		01/23/26 12:47	01/27/26 20:37	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		01/23/26 12:47	01/27/26 20:37	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		01/23/26 12:47	01/27/26 20:37	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		01/23/26 12:47	01/27/26 20:37	1
4-Chloroaniline	ND		9.80	0.569	ug/L		01/23/26 12:47	01/27/26 20:37	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		01/23/26 12:47	01/27/26 20:37	1
4-Nitroaniline	ND		9.80	3.43	ug/L		01/23/26 12:47	01/27/26 20:37	1
4-Nitrophenol	ND		9.80	2.69	ug/L		01/23/26 12:47	01/27/26 20:37	1
Acenaphthene	ND		9.80	0.618	ug/L		01/23/26 12:47	01/27/26 20:37	1
Acenaphthylene	ND		9.80	0.745	ug/L		01/23/26 12:47	01/27/26 20:37	1
Acetophenone	ND		9.80	3.14	ug/L		01/23/26 12:47	01/27/26 20:37	1
Anthracene	ND		9.80	0.892	ug/L		01/23/26 12:47	01/27/26 20:37	1
Atrazine	ND		9.80	1.11	ug/L		01/23/26 12:47	01/27/26 20:37	1
Benzaldehyde	ND		9.80	0.657	ug/L		01/23/26 12:47	01/27/26 20:37	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		01/23/26 12:47	01/27/26 20:37	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		01/23/26 12:47	01/27/26 20:37	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		01/23/26 12:47	01/27/26 20:37	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		01/23/26 12:47	01/27/26 20:37	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		01/23/26 12:47	01/27/26 20:37	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		01/23/26 12:47	01/27/26 20:37	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		01/23/26 12:47	01/27/26 20:37	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		01/23/26 12:47	01/27/26 20:37	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 20:37	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 20:37	1
Caprolactam	ND		9.80	2.35	ug/L		01/23/26 12:47	01/27/26 20:37	1
Carbazole	ND		9.80	0.314	ug/L		01/23/26 12:47	01/27/26 20:37	1
Chrysene	ND		9.80	1.18	ug/L		01/23/26 12:47	01/27/26 20:37	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		01/23/26 12:47	01/27/26 20:37	1
Dibenzofuran	ND		9.80	0.627	ug/L		01/23/26 12:47	01/27/26 20:37	1
Diethyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 20:37	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 20:37	1
Di-n-butyl phthalate	ND		9.80	8.03	ug/L		01/23/26 12:47	01/27/26 20:37	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 20:37	1
Fluoranthene	ND		9.80	0.618	ug/L		01/23/26 12:47	01/27/26 20:37	1
Fluorene	ND		9.80	0.657	ug/L		01/23/26 12:47	01/27/26 20:37	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		01/23/26 12:47	01/27/26 20:37	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		01/23/26 12:47	01/27/26 20:37	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		01/23/26 12:47	01/27/26 20:37	1
Hexachloroethane	ND		9.80	0.520	ug/L		01/23/26 12:47	01/27/26 20:37	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		01/23/26 12:47	01/27/26 20:37	1
Isophorone	ND		9.80	0.784	ug/L		01/23/26 12:47	01/27/26 20:37	1
Naphthalene	ND		9.80	0.735	ug/L		01/23/26 12:47	01/27/26 20:37	1
Nitrobenzene	ND		9.80	0.588	ug/L		01/23/26 12:47	01/27/26 20:37	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		01/23/26 12:47	01/27/26 20:37	1
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		01/23/26 12:47	01/27/26 20:37	1

Client Sample ID: A-MW-6
Date Collected: 01/19/26 16:10
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.80	2.75	ug/L		01/23/26 12:47	01/27/26 20:37	1
Phenanthrene	ND		9.80	0.725	ug/L		01/23/26 12:47	01/27/26 20:37	1
Phenol	ND		9.80	0.667	ug/L		01/23/26 12:47	01/27/26 20:37	1
Pyrene	ND		9.80	0.618	ug/L		01/23/26 12:47	01/27/26 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*	*01/23/26 12:47*	*01/27/26 20:37*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*01/23/26 12:47*	*01/27/26 20:37*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*01/23/26 12:47*	*01/27/26 20:37*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*01/23/26 12:47*	*01/27/26 20:37*	*1*
Phenol-d5 (Surr)	*73*		*10 - 150*	*01/23/26 12:47*	*01/27/26 20:37*	*1*
Terphenyl-d14 (Surr)	*28*		*28 - 150*	*01/23/26 12:47*	*01/27/26 20:37*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**21.3**		1.00	0.767	mg/L			01/23/26 02:37	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		01/22/26 14:18	01/24/26 05:11	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/22/26 14:18	01/24/26 05:11	1
Barium	**247**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 05:11	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 05:11	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 05:11	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 05:11	1
Cobalt	ND		5.00	0.411	ug/L		01/22/26 14:18	01/24/26 05:11	1
Copper	**1.68**	**J**	2.00	0.642	ug/L		01/22/26 14:18	01/24/26 05:11	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 05:11	1
Manganese	**8.79**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 05:11	1
Nickel	**15.9**		5.00	0.422	ug/L		01/22/26 14:18	01/24/26 05:11	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 05:11	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 05:11	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 05:11	1
Vanadium	**2.66**	**J**	5.00	1.22	ug/L		01/22/26 14:18	01/24/26 05:11	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 05:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 09:43	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.236**		0.100	0.0100	mg/L			01/23/26 12:11	1
Nitrate as N (SM Nitrate by calc)	**0.236**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41220-1

Client Sample ID: 822-MW-6
Date Collected: 01/19/26 15:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 19:22	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 19:22	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 19:22	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 19:22	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 19:22	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 19:22	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 19:22	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 19:22	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 19:22	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 19:22	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 19:22	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 19:22	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 19:22	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 19:22	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 19:22	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 19:22	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 19:22	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 19:22	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 19:22	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 19:22	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:22	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 19:22	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:22	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 19:22	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 19:22	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 19:22	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 19:22	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 19:22	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 19:22	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 19:22	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 19:22	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 19:22	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:22	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 19:22	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 19:22	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 19:22	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 19:22	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 19:22	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 19:22	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 19:22	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 19:22	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 19:22	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 19:22	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 19:22	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 19:22	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 19:22	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 19:22	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 19:22	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 19:22	1

Client Sample ID: 822-MW-6
Date Collected: 01/19/26 15:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-6
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		1.00	0.270	ug/L			01/22/26 19:22	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 19:22	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 19:22	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 19:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 19:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 19:22	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 19:22	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 19:22	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 19:22	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 19:22	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 19:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 19:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 19:22	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 19:22	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 19:22	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 19:22	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 19:22	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 19:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 19:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:22	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 19:22	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 19:22	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 126*		*01/22/26 19:22*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*01/22/26 19:22*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*01/22/26 19:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/26/26 13:32	01/27/26 17:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*40 - 150*	*01/26/26 13:32*	*01/27/26 17:39*	*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		01/23/26 12:47	01/27/26 21:09	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		01/23/26 12:47	01/27/26 21:09	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		01/23/26 12:47	01/27/26 21:09	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		01/23/26 12:47	01/27/26 21:09	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		01/23/26 12:47	01/27/26 21:09	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		01/23/26 12:47	01/27/26 21:09	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		01/23/26 12:47	01/27/26 21:09	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		01/23/26 12:47	01/27/26 21:09	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		01/23/26 12:47	01/27/26 21:09	1
2-Chlorophenol	ND		9.80	0.824	ug/L		01/23/26 12:47	01/27/26 21:09	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		01/23/26 12:47	01/27/26 21:09	1
2-Methylphenol	ND		9.80	0.745	ug/L		01/23/26 12:47	01/27/26 21:09	1

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

Job ID: 752-41220-1

Client Sample ID: 822-MW-6
Date Collected: 01/19/26 15:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.80	1.34	ug/L		01/23/26 12:47	01/27/26 21:09	1
2-Nitrophenol	ND		9.80	1.15	ug/L		01/23/26 12:47	01/27/26 21:09	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		01/23/26 12:47	01/27/26 21:09	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		01/23/26 12:47	01/27/26 21:09	1
3-Nitroaniline	ND		9.80	0.931	ug/L		01/23/26 12:47	01/27/26 21:09	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		01/23/26 12:47	01/27/26 21:09	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		01/23/26 12:47	01/27/26 21:09	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		01/23/26 12:47	01/27/26 21:09	1
4-Chloroaniline	ND		9.80	0.569	ug/L		01/23/26 12:47	01/27/26 21:09	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		01/23/26 12:47	01/27/26 21:09	1
4-Nitroaniline	ND		9.80	3.43	ug/L		01/23/26 12:47	01/27/26 21:09	1
4-Nitrophenol	ND		9.80	2.69	ug/L		01/23/26 12:47	01/27/26 21:09	1
Acenaphthene	ND		9.80	0.618	ug/L		01/23/26 12:47	01/27/26 21:09	1
Acenaphthylene	ND		9.80	0.745	ug/L		01/23/26 12:47	01/27/26 21:09	1
Acetophenone	ND		9.80	3.14	ug/L		01/23/26 12:47	01/27/26 21:09	1
Anthracene	ND		9.80	0.892	ug/L		01/23/26 12:47	01/27/26 21:09	1
Atrazine	ND		9.80	1.11	ug/L		01/23/26 12:47	01/27/26 21:09	1
Benzaldehyde	ND		9.80	0.657	ug/L		01/23/26 12:47	01/27/26 21:09	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		01/23/26 12:47	01/27/26 21:09	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		01/23/26 12:47	01/27/26 21:09	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		01/23/26 12:47	01/27/26 21:09	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		01/23/26 12:47	01/27/26 21:09	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		01/23/26 12:47	01/27/26 21:09	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		01/23/26 12:47	01/27/26 21:09	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		01/23/26 12:47	01/27/26 21:09	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		01/23/26 12:47	01/27/26 21:09	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 21:09	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 21:09	1
Caprolactam	ND		9.80	2.35	ug/L		01/23/26 12:47	01/27/26 21:09	1
Carbazole	ND		9.80	0.314	ug/L		01/23/26 12:47	01/27/26 21:09	1
Chrysene	ND		9.80	1.18	ug/L		01/23/26 12:47	01/27/26 21:09	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		01/23/26 12:47	01/27/26 21:09	1
Dibenzofuran	ND		9.80	0.627	ug/L		01/23/26 12:47	01/27/26 21:09	1
Diethyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 21:09	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 21:09	1
Di-n-butyl phthalate	ND		9.80	8.03	ug/L		01/23/26 12:47	01/27/26 21:09	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		01/23/26 12:47	01/27/26 21:09	1
Fluoranthene	ND		9.80	0.618	ug/L		01/23/26 12:47	01/27/26 21:09	1
Fluorene	ND		9.80	0.657	ug/L		01/23/26 12:47	01/27/26 21:09	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		01/23/26 12:47	01/27/26 21:09	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		01/23/26 12:47	01/27/26 21:09	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		01/23/26 12:47	01/27/26 21:09	1
Hexachloroethane	ND		9.80	0.520	ug/L		01/23/26 12:47	01/27/26 21:09	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		01/23/26 12:47	01/27/26 21:09	1
Isophorone	ND		9.80	0.784	ug/L		01/23/26 12:47	01/27/26 21:09	1
Naphthalene	ND		9.80	0.735	ug/L		01/23/26 12:47	01/27/26 21:09	1
Nitrobenzene	ND		9.80	0.588	ug/L		01/23/26 12:47	01/27/26 21:09	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		01/23/26 12:47	01/27/26 21:09	1
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		01/23/26 12:47	01/27/26 21:09	1

Client Sample ID: 822-MW-6

Date Collected: 01/19/26 15:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.80	2.75	ug/L		01/23/26 12:47	01/27/26 21:09	1
Phenanthrene	ND		9.80	0.725	ug/L		01/23/26 12:47	01/27/26 21:09	1
Phenol	ND		9.80	0.667	ug/L		01/23/26 12:47	01/27/26 21:09	1
Pyrene	ND		9.80	0.618	ug/L		01/23/26 12:47	01/27/26 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 150*	*01/23/26 12:47*	*01/27/26 21:09*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*01/23/26 12:47*	*01/27/26 21:09*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 150*	*01/23/26 12:47*	*01/27/26 21:09*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*01/23/26 12:47*	*01/27/26 21:09*	*1*
Phenol-d5 (Surr)	*51*		*10 - 150*	*01/23/26 12:47*	*01/27/26 21:09*	*1*
Terphenyl-d14 (Surr)	*45*		*28 - 150*	*01/23/26 12:47*	*01/27/26 21:09*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**24.4**		1.00	0.767	mg/L			01/23/26 02:48	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		01/22/26 14:18	01/24/26 05:14	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/22/26 14:18	01/24/26 05:14	1
Barium	**178**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 05:14	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 05:14	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 05:14	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 05:14	1
Cobalt	ND		5.00	0.411	ug/L		01/22/26 14:18	01/24/26 05:14	1
Copper	**1.35**	**J**	2.00	0.642	ug/L		01/22/26 14:18	01/24/26 05:14	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 05:14	1
Manganese	**30.1**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 05:14	1
Nickel	**0.519**	**J**	5.00	0.422	ug/L		01/22/26 14:18	01/24/26 05:14	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 05:14	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 05:14	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 05:14	1
Vanadium	**2.82**	**J**	5.00	1.22	ug/L		01/22/26 14:18	01/24/26 05:14	1
Zinc	**871**		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 05:14	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		01/30/26 13:03	01/30/26 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0372**	**J**	0.0500	0.0200	mg/L			01/23/26 09:45	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.141**	**F1**	0.100	0.0100	mg/L			01/23/26 14:23	1
Nitrate as N (SM Nitrate by calc)	**0.141**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41220-1

Client Sample ID: MW-7
Date Collected: 01/19/26 14:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 19:44	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 19:44	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 19:44	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 19:44	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 19:44	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 19:44	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 19:44	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 19:44	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 19:44	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 19:44	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 19:44	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 19:44	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 19:44	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 19:44	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 19:44	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 19:44	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 19:44	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 19:44	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 19:44	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 19:44	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:44	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 19:44	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 19:44	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 19:44	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 19:44	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 19:44	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 19:44	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 19:44	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 19:44	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 19:44	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 19:44	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 19:44	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:44	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 19:44	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 19:44	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 19:44	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 19:44	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 19:44	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 19:44	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 19:44	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 19:44	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 19:44	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 19:44	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 19:44	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 19:44	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 19:44	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 19:44	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 19:44	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 19:44	1

Client Sample ID: MW-7
Date Collected: 01/19/26 14:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-7
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		1.00	0.270	ug/L			01/22/26 19:44	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 19:44	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 19:44	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 19:44	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 19:44	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 19:44	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 19:44	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 19:44	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 19:44	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 19:44	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 19:44	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 19:44	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 19:44	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 19:44	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 19:44	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 19:44	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 19:44	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 19:44	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 19:44	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 19:44	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 19:44	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 19:44	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/22/26 19:44*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*01/22/26 19:44*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/22/26 19:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		01/26/26 13:32	01/27/26 18:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*82*		*40 - 150*	*01/26/26 13:32*	*01/27/26 18:09*	*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		9.87	0.414	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,4,5-Trichlorophenol	ND		9.87	0.533	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,4,6-Trichlorophenol	ND		9.87	1.08	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,4-Dichlorophenol	ND		9.87	0.563	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,4-Dimethylphenol	ND		9.87	0.237	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,4-Dinitrophenol	ND		29.6	4.62	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,4-Dinitrotoluene	ND		9.87	0.641	ug/L		01/23/26 12:47	01/27/26 21:41	1
2,6-Dinitrotoluene	ND		9.87	0.286	ug/L		01/23/26 12:47	01/27/26 21:41	1
2-Chloronaphthalene	ND		9.87	0.375	ug/L		01/23/26 12:47	01/27/26 21:41	1
2-Chlorophenol	ND		9.87	0.829	ug/L		01/23/26 12:47	01/27/26 21:41	1
2-Methylnaphthalene	ND		9.87	0.799	ug/L		01/23/26 12:47	01/27/26 21:41	1
2-Methylphenol	ND		9.87	0.750	ug/L		01/23/26 12:47	01/27/26 21:41	1

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

Job ID: 752-41220-1

Client Sample ID: MW-7
Date Collected: 01/19/26 14:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.87	1.35	ug/L		01/23/26 12:47	01/27/26 21:41	1
2-Nitrophenol	ND		9.87	1.15	ug/L		01/23/26 12:47	01/27/26 21:41	1
3 & 4 Methylphenol	ND		19.7	4.54	ug/L		01/23/26 12:47	01/27/26 21:41	1
3,3'-Dichlorobenzidine	ND		10.9	0.405	ug/L		01/23/26 12:47	01/27/26 21:41	1
3-Nitroaniline	ND		9.87	0.938	ug/L		01/23/26 12:47	01/27/26 21:41	1
4,6-Dinitro-2-methylphenol	ND		9.87	1.94	ug/L		01/23/26 12:47	01/27/26 21:41	1
4-Bromophenyl phenyl ether	ND		9.87	0.128	ug/L		01/23/26 12:47	01/27/26 21:41	1
4-Chloro-3-methylphenol	ND		9.87	0.720	ug/L		01/23/26 12:47	01/27/26 21:41	1
4-Chloroaniline	ND		9.87	0.572	ug/L		01/23/26 12:47	01/27/26 21:41	1
4-Chlorophenyl phenyl ether	ND		9.87	0.237	ug/L		01/23/26 12:47	01/27/26 21:41	1
4-Nitroaniline	ND		9.87	3.45	ug/L		01/23/26 12:47	01/27/26 21:41	1
4-Nitrophenol	ND		9.87	2.70	ug/L		01/23/26 12:47	01/27/26 21:41	1
Acenaphthene	ND		9.87	0.622	ug/L		01/23/26 12:47	01/27/26 21:41	1
Acenaphthylene	ND		9.87	0.750	ug/L		01/23/26 12:47	01/27/26 21:41	1
Acetophenone	ND		9.87	3.16	ug/L		01/23/26 12:47	01/27/26 21:41	1
Anthracene	ND		9.87	0.898	ug/L		01/23/26 12:47	01/27/26 21:41	1
Atrazine	ND		9.87	1.12	ug/L		01/23/26 12:47	01/27/26 21:41	1
Benzaldehyde	ND		9.87	0.661	ug/L		01/23/26 12:47	01/27/26 21:41	1
Benzo[a]anthracene	ND		9.87	0.987	ug/L		01/23/26 12:47	01/27/26 21:41	1
Benzo[a]pyrene	ND		9.87	1.09	ug/L		01/23/26 12:47	01/27/26 21:41	1
Benzo[b]fluoranthene	ND		9.87	1.18	ug/L		01/23/26 12:47	01/27/26 21:41	1
Benzo[g,h,i]perylene	ND		9.87	1.48	ug/L		01/23/26 12:47	01/27/26 21:41	1
Benzo[k]fluoranthene	ND		9.87	1.48	ug/L		01/23/26 12:47	01/27/26 21:41	1
bis (2-chloroisopropyl) ether	ND		9.87	0.918	ug/L		01/23/26 12:47	01/27/26 21:41	1
Bis(2-chloroethoxy)methane	ND		9.87	0.336	ug/L		01/23/26 12:47	01/27/26 21:41	1
Bis(2-chloroethyl)ether	ND		9.87	0.720	ug/L		01/23/26 12:47	01/27/26 21:41	1
Bis(2-ethylhexyl) phthalate	ND		9.87	3.95	ug/L		01/23/26 12:47	01/27/26 21:41	1
Butyl benzyl phthalate	ND		9.87	3.95	ug/L		01/23/26 12:47	01/27/26 21:41	1
Caprolactam	ND		9.87	2.37	ug/L		01/23/26 12:47	01/27/26 21:41	1
Carbazole	ND		9.87	0.316	ug/L		01/23/26 12:47	01/27/26 21:41	1
Chrysene	ND		9.87	1.18	ug/L		01/23/26 12:47	01/27/26 21:41	1
Dibenz(a,h)anthracene	ND		9.87	1.28	ug/L		01/23/26 12:47	01/27/26 21:41	1
Dibenzofuran	ND		9.87	0.632	ug/L		01/23/26 12:47	01/27/26 21:41	1
Diethyl phthalate	ND		9.87	3.95	ug/L		01/23/26 12:47	01/27/26 21:41	1
Dimethyl phthalate	ND		9.87	3.95	ug/L		01/23/26 12:47	01/27/26 21:41	1
Di-n-butyl phthalate	ND		9.87	8.08	ug/L		01/23/26 12:47	01/27/26 21:41	1
Di-n-octyl phthalate	ND		9.87	3.95	ug/L		01/23/26 12:47	01/27/26 21:41	1
Fluoranthene	ND		9.87	0.622	ug/L		01/23/26 12:47	01/27/26 21:41	1
Fluorene	ND		9.87	0.661	ug/L		01/23/26 12:47	01/27/26 21:41	1
Hexachlorobenzene	ND		9.87	0.247	ug/L		01/23/26 12:47	01/27/26 21:41	1
Hexachlorobutadiene	ND		9.87	0.543	ug/L		01/23/26 12:47	01/27/26 21:41	1
Hexachlorocyclopentadiene	ND		19.7	0.316	ug/L		01/23/26 12:47	01/27/26 21:41	1
Hexachloroethane	ND		9.87	0.523	ug/L		01/23/26 12:47	01/27/26 21:41	1
Indeno[1,2,3-cd]pyrene	ND		9.87	1.09	ug/L		01/23/26 12:47	01/27/26 21:41	1
Isophorone	ND		9.87	0.789	ug/L		01/23/26 12:47	01/27/26 21:41	1
Naphthalene	ND		9.87	0.740	ug/L		01/23/26 12:47	01/27/26 21:41	1
Nitrobenzene	ND		9.87	0.592	ug/L		01/23/26 12:47	01/27/26 21:41	1
N-Nitrosodi-n-propylamine	ND		9.87	0.326	ug/L		01/23/26 12:47	01/27/26 21:41	1
N-Nitrosodiphenylamine	ND		9.87	0.188	ug/L		01/23/26 12:47	01/27/26 21:41	1

Client Sample ID: MW-7
Date Collected: 01/19/26 14:50
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.87	2.76	ug/L		01/23/26 12:47	01/27/26 21:41	1
Phenanthrene	ND		9.87	0.730	ug/L		01/23/26 12:47	01/27/26 21:41	1
Phenol	ND		9.87	0.671	ug/L		01/23/26 12:47	01/27/26 21:41	1
Pyrene	ND		9.87	0.622	ug/L		01/23/26 12:47	01/27/26 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*01/23/26 12:47*	*01/27/26 21:41*	*1*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*	*01/23/26 12:47*	*01/27/26 21:41*	*1*
2-Fluorophenol (Surr)	*41*		*10 - 150*	*01/23/26 12:47*	*01/27/26 21:41*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*01/23/26 12:47*	*01/27/26 21:41*	*1*
Phenol-d5 (Surr)	*37*		*10 - 150*	*01/23/26 12:47*	*01/27/26 21:41*	*1*
Terphenyl-d14 (Surr)	*36*		*28 - 150*	*01/23/26 12:47*	*01/27/26 21:41*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**9.73**		1.00	0.767	mg/L			01/23/26 03:34	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		01/22/26 14:18	01/24/26 05:16	1
Arsenic	**4.39**	**J ^+**	5.00	1.32	ug/L		01/22/26 14:18	01/24/26 05:16	1
Barium	**266**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 05:16	1
Beryllium	**1.33**		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 05:16	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 05:16	1
Chromium	**21.1**		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 05:16	1
Cobalt	**8.67**		5.00	0.411	ug/L		01/22/26 14:18	01/24/26 05:16	1
Copper	**16.9**		2.00	0.642	ug/L		01/22/26 14:18	01/24/26 05:16	1
Lead	**7.85**		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 05:16	1
Manganese	**732**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 05:16	1
Nickel	**16.8**		5.00	0.422	ug/L		01/22/26 14:18	01/24/26 05:16	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 05:16	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 05:16	1
Thallium	**0.271**	**J**	1.00	0.190	ug/L		01/22/26 14:18	01/24/26 05:16	1
Vanadium	**31.6**		5.00	1.22	ug/L		01/22/26 14:18	01/24/26 05:16	1
Zinc	**40.6**		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 05:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/23/26 09:47	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.57**	**F1**	0.200	0.0200	mg/L			01/23/26 14:29	2
Nitrate as N (SM Nitrate by calc)	**1.54**		0.100	0.0100	mg/L			01/28/26 14:13	1

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

Job ID: 752-41220-1

Client Sample ID: 822-MW-Dup-1
Date Collected: 01/19/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 20:07	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 20:07	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 20:07	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 20:07	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 20:07	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 20:07	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 20:07	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 20:07	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 20:07	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 20:07	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 20:07	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 20:07	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 20:07	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 20:07	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 20:07	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 20:07	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 20:07	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 20:07	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 20:07	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 20:07	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 20:07	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 20:07	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 20:07	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 20:07	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 20:07	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 20:07	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 20:07	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 20:07	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 20:07	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 20:07	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 20:07	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 20:07	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 20:07	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 20:07	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 20:07	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 20:07	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 20:07	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 20:07	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 20:07	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 20:07	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 20:07	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 20:07	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 20:07	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 20:07	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 20:07	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 20:07	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 20:07	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 20:07	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 20:07	1

Client Sample ID: 822-MW-Dup-1
Date Collected: 01/19/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-8
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		1.00	0.270	ug/L			01/22/26 20:07	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 20:07	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 20:07	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 20:07	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 20:07	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 20:07	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 20:07	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 20:07	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 20:07	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 20:07	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 20:07	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 20:07	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 20:07	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 20:07	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 20:07	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 20:07	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 20:07	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 20:07	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 20:07	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 20:07	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 20:07	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 20:07	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*01/22/26 20:07*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*01/22/26 20:07*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/22/26 20:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.304	0.304	ug/L		01/26/26 13:32	01/27/26 18:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*52*		*40 - 150*	*01/26/26 13:32*	*01/27/26 18:40*	*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		01/23/26 12:47	01/27/26 22:13	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		01/23/26 12:47	01/27/26 22:13	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/23/26 12:47	01/27/26 22:13	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		01/23/26 12:47	01/27/26 22:13	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		01/23/26 12:47	01/27/26 22:13	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		01/23/26 12:47	01/27/26 22:13	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		01/23/26 12:47	01/27/26 22:13	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		01/23/26 12:47	01/27/26 22:13	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		01/23/26 12:47	01/27/26 22:13	1
2-Chlorophenol	ND		10.0	0.843	ug/L		01/23/26 12:47	01/27/26 22:13	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		01/23/26 12:47	01/27/26 22:13	1
2-Methylphenol	ND		10.0	0.763	ug/L		01/23/26 12:47	01/27/26 22:13	1

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

Job ID: 752-41220-1

Client Sample ID: 822-MW-Dup-1
Date Collected: 01/19/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/23/26 12:47	01/27/26 22:13	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/23/26 12:47	01/27/26 22:13	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		01/23/26 12:47	01/27/26 22:13	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		01/23/26 12:47	01/27/26 22:13	1
3-Nitroaniline	ND		10.0	0.953	ug/L		01/23/26 12:47	01/27/26 22:13	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		01/23/26 12:47	01/27/26 22:13	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/23/26 12:47	01/27/26 22:13	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		01/23/26 12:47	01/27/26 22:13	1
4-Chloroaniline	ND		10.0	0.582	ug/L		01/23/26 12:47	01/27/26 22:13	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		01/23/26 12:47	01/27/26 22:13	1
4-Nitroaniline	ND		10.0	3.51	ug/L		01/23/26 12:47	01/27/26 22:13	1
4-Nitrophenol	ND		10.0	2.75	ug/L		01/23/26 12:47	01/27/26 22:13	1
Acenaphthene	ND		10.0	0.632	ug/L		01/23/26 12:47	01/27/26 22:13	1
Acenaphthylene	ND		10.0	0.763	ug/L		01/23/26 12:47	01/27/26 22:13	1
Acetophenone	ND		10.0	3.21	ug/L		01/23/26 12:47	01/27/26 22:13	1
Anthracene	ND		10.0	0.913	ug/L		01/23/26 12:47	01/27/26 22:13	1
Atrazine	ND		10.0	1.13	ug/L		01/23/26 12:47	01/27/26 22:13	1
Benzaldehyde	ND		10.0	0.672	ug/L		01/23/26 12:47	01/27/26 22:13	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/23/26 12:47	01/27/26 22:13	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/27/26 22:13	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/27/26 22:13	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		01/23/26 12:47	01/27/26 22:13	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		01/23/26 12:47	01/27/26 22:13	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		01/23/26 12:47	01/27/26 22:13	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		01/23/26 12:47	01/27/26 22:13	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		01/23/26 12:47	01/27/26 22:13	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		01/23/26 12:47	01/27/26 22:13	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		01/23/26 12:47	01/27/26 22:13	1
Caprolactam	ND		10.0	2.41	ug/L		01/23/26 12:47	01/27/26 22:13	1
Carbazole	ND		10.0	0.321	ug/L		01/23/26 12:47	01/27/26 22:13	1
Chrysene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/27/26 22:13	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/23/26 12:47	01/27/26 22:13	1
Dibenzofuran	ND		10.0	0.642	ug/L		01/23/26 12:47	01/27/26 22:13	1
Diethyl phthalate	ND		10.0	4.01	ug/L		01/23/26 12:47	01/27/26 22:13	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		01/23/26 12:47	01/27/26 22:13	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		01/23/26 12:47	01/27/26 22:13	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		01/23/26 12:47	01/27/26 22:13	1
Fluoranthene	ND		10.0	0.632	ug/L		01/23/26 12:47	01/27/26 22:13	1
Fluorene	ND		10.0	0.672	ug/L		01/23/26 12:47	01/27/26 22:13	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		01/23/26 12:47	01/27/26 22:13	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		01/23/26 12:47	01/27/26 22:13	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		01/23/26 12:47	01/27/26 22:13	1
Hexachloroethane	ND		10.0	0.532	ug/L		01/23/26 12:47	01/27/26 22:13	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/27/26 22:13	1
Isophorone	ND		10.0	0.803	ug/L		01/23/26 12:47	01/27/26 22:13	1
Naphthalene	ND		10.0	0.753	ug/L		01/23/26 12:47	01/27/26 22:13	1
Nitrobenzene	ND		10.0	0.602	ug/L		01/23/26 12:47	01/27/26 22:13	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		01/23/26 12:47	01/27/26 22:13	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		01/23/26 12:47	01/27/26 22:13	1

Client Sample ID: 822-MW-Dup-1

Date Collected: 01/19/26 00:00
Date Received: 01/20/26 16:45

Lab Sample ID: 752-41220-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.81	ug/L		01/23/26 12:47	01/27/26 22:13	1
Phenanthrene	ND		10.0	0.742	ug/L		01/23/26 12:47	01/27/26 22:13	1
Phenol	ND		10.0	0.682	ug/L		01/23/26 12:47	01/27/26 22:13	1
Pyrene	ND		10.0	0.632	ug/L		01/23/26 12:47	01/27/26 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*01/23/26 12:47*	*01/27/26 22:13*	*1*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*	*01/23/26 12:47*	*01/27/26 22:13*	*1*
2-Fluorophenol (Surr)	*58*		*10 - 150*	*01/23/26 12:47*	*01/27/26 22:13*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 150*	*01/23/26 12:47*	*01/27/26 22:13*	*1*
Phenol-d5 (Surr)	*56*		*10 - 150*	*01/23/26 12:47*	*01/27/26 22:13*	*1*
Terphenyl-d14 (Surr)	*37*		*28 - 150*	*01/23/26 12:47*	*01/27/26 22:13*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**65.4**		10.0	7.67	mg/L			01/23/26 19:50	10

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		01/22/26 14:18	01/24/26 05:19	1
Arsenic	ND	^+	5.00	1.32	ug/L		01/22/26 14:18	01/24/26 05:19	1
Barium	**93.9**		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 05:19	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 05:19	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 05:19	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 05:19	1
Cobalt	**2.60**	**J**	5.00	0.411	ug/L		01/22/26 14:18	01/24/26 05:19	1
Copper	**4.46**		2.00	0.642	ug/L		01/22/26 14:18	01/24/26 05:19	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 05:19	1
Manganese	**3690**		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 05:19	1
Nickel	**4.56**	**J**	5.00	0.422	ug/L		01/22/26 14:18	01/24/26 05:19	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 05:19	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 05:19	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 05:19	1
Vanadium	**3.51**	**J**	5.00	1.22	ug/L		01/22/26 14:18	01/24/26 05:19	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 05:19	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		01/30/26 13:03	01/30/26 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0209**	**J**	0.0500	0.0200	mg/L			01/23/26 09:48	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.197**		0.100	0.0100	mg/L			01/23/26 14:36	1
Nitrate as N (SM Nitrate by calc)	**0.197**		0.100	0.0100	mg/L			01/28/26 14:13	1

Surrogate Summary

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

Job ID: 752-41220-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
752-41220-1	A-MW-1	98	98	98
752-41220-2	A-MW-2	99	100	100
752-41220-2	A-MW-2	105	111	97
752-41220-2 DU	A-MW-2	106	106	94
752-41220-3	A-MW-3	96	100	99
752-41220-4	A-MW-4	94	100	96
752-41220-5	A-MW-6	99	102	97
752-41220-6	822-MW-6	96	102	101
752-41220-7	MW-7	99	102	98
752-41220-8	822-MW-Dup-1	99	103	99
LCS 705-109350/1002	Lab Control Sample	104	104	99
LCS 705-109350/1003	Lab Control Sample	98	109	99
LCS 705-109417/1002	Lab Control Sample	87	98	95
LCS 705-109417/1003	Lab Control Sample	104	95	98
LCS 705-109647/1003	Lab Control Sample	103	103	99
MB 705-109350/7	Method Blank	101	110	99
MB 705-109417/6	Method Blank	92	104	98
MB 705-109647/6	Method Blank	107	110	96

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

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)
752-41220-1	A-MW-1	79	67	70	68	76	37
752-41220-2	A-MW-2	78	63	56	66	55	38
752-41220-3	A-MW-3	71	59	66	62	72	28
752-41220-4	A-MW-4	76	64	67	67	71	39
752-41220-5	A-MW-6	74	66	69	67	73	28
752-41220-6	822-MW-6	78	70	52	70	51	45
752-41220-7	MW-7	73	67	41	67	37	36
752-41220-8	822-MW-Dup-1	76	67	58	66	56	37
LCS 400-737264/2-A	Lab Control Sample	83	69	70	68	83	66
LCSD 400-737264/3-A	Lab Control Sample Dup	89	71	60	75	61	67
MB 400-737264/1-A	Method Blank	77	66	68	69	75	63

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: 752-41220-1

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(40-150)						
752-41220-1	A-MW-1	56						
752-41220-2	A-MW-2	52						
752-41220-3	A-MW-3	59						
752-41220-4	A-MW-4	55						
752-41220-5	A-MW-6	62						
752-41220-6	822-MW-6	60						
752-41220-7	MW-7	82						
752-41220-8	822-MW-Dup-1	52						
MB 400-737418/1-A	Method Blank	60						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(30-150)						
LCS 400-737418/2-A	Lab Control Sample	62						
LCSD 400-737418/3-A	Lab Control Sample Dup	63						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-109350/7
Matrix: Water
Analysis Batch: 109350

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 12:02	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 12:02	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 12:02	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 12:02	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 12:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 12:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 12:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 12:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 12:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 12:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 12:02	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 12:02	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 12:02	1
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 12:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 12:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 12:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 12:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 12:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 12:02	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 12:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 12:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 12:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 12:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 12:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 12:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 12:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 12:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 12:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 12:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 12:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 12:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 12:02	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 12:02	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 12:02	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 12:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 12:02	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 12:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 12:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 12:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 12:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 12:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 12:02	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 12:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 12:02	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 12:02	1

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

Lab Sample ID: MB 705-109350/7
Matrix: Water
Analysis Batch: 109350

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	0.239	ug/L			01/22/26 12:02	1
o-Xylene	ND		1.00	0.270	ug/L			01/22/26 12:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 12:02	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 12:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 12:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 12:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 12:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 12:02	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 12:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 12:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 12:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 12:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 12:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 12:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 12:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 12:02	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 12:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 12:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 12:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 12:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 12:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:02	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 12:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 12:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 12:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*01/22/26 12:02*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*01/22/26 12:02*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/22/26 12:02*	*1*

Lab Sample ID: LCS 705-109350/1002
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	29.50		ug/L		74	62 - 136
Benzene	20.0	19.47		ug/L		97	76 - 122
Bromobenzene	20.0	18.74		ug/L		94	77 - 125
Bromoform	20.0	20.38		ug/L		102	65 - 129
Bromomethane	20.0	16.37		ug/L		82	60 - 138
2-Butanone (MEK)	40.0	34.50		ug/L		86	74 - 131
Carbon disulfide	20.0	16.60		ug/L		83	71 - 122
Carbon tetrachloride	20.0	24.61		ug/L		123	72 - 131
Chlorobenzene	20.0	20.37		ug/L		102	75 - 121
Chlorobromomethane	20.0	17.71		ug/L		89	77 - 120
Chlorodibromomethane	20.0	20.78		ug/L		104	70 - 131
Chloroethane	20.0	18.58		ug/L		93	55 - 138

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

Lab Sample ID: LCS 705-109350/1002
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	20.20		ug/L		101	73 - 121
Chloromethane	20.0	22.91		ug/L		115	57 - 129
2-Chlorotoluene	20.0	20.24		ug/L		101	75 - 123
4-Chlorotoluene	20.0	21.23		ug/L		106	76 - 124
cis-1,2-Dichloroethene	20.0	18.15		ug/L		91	76 - 121
cis-1,3-Dichloropropene	20.0	20.70		ug/L		104	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.09		ug/L		95	64 - 125
Dibromomethane	20.0	20.03		ug/L		100	70 - 130
1,2-Dichlorobenzene	20.0	19.98		ug/L		100	69 - 127
1,3-Dichlorobenzene	20.0	20.07		ug/L		100	68 - 128
1,4-Dichlorobenzene	20.0	19.78		ug/L		99	68 - 126
Dichlorobromomethane	20.0	21.89		ug/L		109	70 - 124
1,1-Dichloroethane	20.0	18.20		ug/L		91	65 - 126
1,2-Dichloroethane	20.0	22.37		ug/L		112	72 - 127
1,1-Dichloroethene	20.0	17.90		ug/L		89	69 - 130
1,2-Dichloropropane	20.0	18.89		ug/L		94	71 - 121
1,3-Dichloropropane	20.0	19.60		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	23.80		ug/L		119	71 - 131
1,1-Dichloropropene	20.0	19.76		ug/L		99	74 - 129
Ethylbenzene	20.0	21.35		ug/L		107	75 - 127
Ethylene Dibromide	20.0	19.58		ug/L		98	68 - 133
Hexachlorobutadiene	20.0	21.78		ug/L		109	65 - 137
Hexane	20.0	17.85		ug/L		89	25 - 150
2-Hexanone	40.0	38.97		ug/L		97	70 - 130
Iodomethane	20.0	10.93		ug/L		55	50 - 150
Isopropylbenzene	20.0	20.65		ug/L		103	76 - 125
4-Isopropyltoluene	20.0	22.38		ug/L		112	78 - 126
Methylene Chloride	20.0	17.20		ug/L		86	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	39.68		ug/L		99	76 - 122
Methyl tert-butyl ether	20.0	19.24		ug/L		96	76 - 123
m-Xylene & p-Xylene	20.0	20.76		ug/L		104	76 - 128
Naphthalene	20.0	17.41		ug/L		87	67 - 129
n-Butylbenzene	20.0	22.34		ug/L		112	71 - 131
n-Heptane	20.0	18.90		ug/L		94	25 - 150
N-Propylbenzene	20.0	20.33		ug/L		102	75 - 127
o-Xylene	20.0	22.00		ug/L		110	78 - 124
sec-Butylbenzene	20.0	21.00		ug/L		105	74 - 127
Styrene	20.0	22.34		ug/L		112	71 - 129
tert-Butylbenzene	20.0	21.45		ug/L		107	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.21		ug/L		111	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.24		ug/L		91	73 - 127
Tetrachloroethene	20.0	20.34		ug/L		102	74 - 129
Toluene	20.0	20.17		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.44		ug/L		82	50 - 150
trans-1,2-Dichloroethene	20.0	19.00		ug/L		95	74 - 124
trans-1,3-Dichloropropene	20.0	21.46		ug/L		107	59 - 135
1,2,3-Trichlorobenzene	20.0	18.44		ug/L		92	65 - 130
1,2,4-Trichlorobenzene	20.0	18.82		ug/L		94	65 - 131
1,1,1-Trichloroethane	20.0	22.27		ug/L		111	71 - 124

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

Lab Sample ID: LCS 705-109350/1002
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	19.13		ug/L		96	69 - 127
Trichloroethene	20.0	19.81		ug/L		99	72 - 129
Trichlorofluoromethane	20.0	25.93		ug/L		130	63 - 142
1,2,3-Trichloropropane	20.0	19.53		ug/L		98	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.65		ug/L		88	74 - 122
1,2,4-Trimethylbenzene	20.0	21.70		ug/L		108	80 - 123
1,3,5-Trimethylbenzene	20.0	21.43		ug/L		107	79 - 124
Vinyl acetate	40.0	36.81		ug/L		92	50 - 150
Vinyl chloride	20.0	22.15		ug/L		111	65 - 132
Xylenes, Total	40.0	42.76		ug/L		107	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: LCS 705-109350/1003
Matrix: Water
Analysis Batch: 109350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	40.0	33.98		ug/L		85	25 - 150
Isopropyl ether	20.0	17.54		ug/L		88	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 126*
Dibromofluoromethane	*109*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: MB 705-109417/6
Matrix: Water
Analysis Batch: 109417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/22/26 12:51	1
Benzene	ND		1.00	0.200	ug/L			01/22/26 12:51	1
Bromobenzene	ND		1.00	0.222	ug/L			01/22/26 12:51	1
Bromoform	ND		1.00	0.458	ug/L			01/22/26 12:51	1
Bromomethane	ND		1.00	0.470	ug/L			01/22/26 12:51	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/22/26 12:51	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/22/26 12:51	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/22/26 12:51	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/22/26 12:51	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/22/26 12:51	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/22/26 12:51	1
Chloroethane	ND		1.00	0.374	ug/L			01/22/26 12:51	1
Chloroform	ND		1.00	0.216	ug/L			01/22/26 12:51	1

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

Lab Sample ID: MB 705-109417/6
Matrix: Water
Analysis Batch: 109417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	0.371	ug/L			01/22/26 12:51	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/22/26 12:51	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/22/26 12:51	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/22/26 12:51	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/22/26 12:51	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/22/26 12:51	1
Dibromomethane	ND		1.00	0.318	ug/L			01/22/26 12:51	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:51	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/22/26 12:51	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/22/26 12:51	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/22/26 12:51	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/22/26 12:51	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/22/26 12:51	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/22/26 12:51	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/22/26 12:51	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/22/26 12:51	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/22/26 12:51	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/22/26 12:51	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/22/26 12:51	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:51	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/22/26 12:51	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/22/26 12:51	1
Hexane	ND		10.0	3.63	ug/L			01/22/26 12:51	1
2-Hexanone	ND		10.0	3.47	ug/L			01/22/26 12:51	1
Iodomethane	ND		2.00	0.403	ug/L			01/22/26 12:51	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/22/26 12:51	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/22/26 12:51	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/22/26 12:51	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/22/26 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/22/26 12:51	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/22/26 12:51	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/22/26 12:51	1
Naphthalene	ND		2.00	1.56	ug/L			01/22/26 12:51	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/22/26 12:51	1
n-Heptane	ND		10.0	3.05	ug/L			01/22/26 12:51	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/22/26 12:51	1
o-Xylene	ND		1.00	0.270	ug/L			01/22/26 12:51	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/22/26 12:51	1
Styrene	ND		1.00	0.194	ug/L			01/22/26 12:51	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/22/26 12:51	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/22/26 12:51	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/22/26 12:51	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/22/26 12:51	1
Toluene	ND		1.00	0.197	ug/L			01/22/26 12:51	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/22/26 12:51	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/22/26 12:51	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/22/26 12:51	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/22/26 12:51	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/22/26 12:51	1

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

Lab Sample ID: MB 705-109417/6
Matrix: Water
Analysis Batch: 109417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/22/26 12:51	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/22/26 12:51	1
Trichloroethene	ND		1.00	0.211	ug/L			01/22/26 12:51	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/22/26 12:51	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/22/26 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/22/26 12:51	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/22/26 12:51	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/22/26 12:51	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/22/26 12:51	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/22/26 12:51	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/22/26 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*01/22/26 12:51*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*01/22/26 12:51*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/22/26 12:51*	*1*

Lab Sample ID: LCS 705-109417/1002
Matrix: Water
Analysis Batch: 109417

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	43.04		ug/L		108	25 - 150		
Isopropyl ether			20.0	20.51		ug/L		103	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*87*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

Lab Sample ID: LCS 705-109417/1003
Matrix: Water
Analysis Batch: 109417

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	41.33		ug/L		103	62 - 136		
Benzene			20.0	19.84		ug/L		99	76 - 122		
Bromobenzene			20.0	18.50		ug/L		93	77 - 125		
Bromoform			20.0	21.35		ug/L		107	65 - 129		
Bromomethane			20.0	20.30		ug/L		102	60 - 138		
2-Butanone (MEK)			40.0	40.89		ug/L		102	74 - 131		
Carbon disulfide			20.0	19.99		ug/L		100	71 - 122		
Carbon tetrachloride			20.0	20.02		ug/L		100	72 - 131		
Chlorobenzene			20.0	20.41		ug/L		102	75 - 121		
Chlorobromomethane			20.0	20.50		ug/L		103	77 - 120		
Chlorodibromomethane			20.0	21.09		ug/L		105	70 - 131		
Chloroethane			20.0	27.06		ug/L		135	55 - 138		
Chloroform			20.0	21.41		ug/L		107	73 - 121		

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

Lab Sample ID: LCS 705-109417/1003
Matrix: Water
Analysis Batch: 109417

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	24.47		ug/L		122	57 - 129
2-Chlorotoluene	20.0	19.68		ug/L		98	75 - 123
4-Chlorotoluene	20.0	20.57		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	19.45		ug/L		97	76 - 121
cis-1,3-Dichloropropene	20.0	18.88		ug/L		94	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.59		ug/L		98	64 - 125
Dibromomethane	20.0	18.82		ug/L		94	70 - 130
1,2-Dichlorobenzene	20.0	19.66		ug/L		98	69 - 127
1,3-Dichlorobenzene	20.0	19.80		ug/L		99	68 - 128
1,4-Dichlorobenzene	20.0	19.41		ug/L		97	68 - 126
Dichlorobromomethane	20.0	19.97		ug/L		100	70 - 124
1,1-Dichloroethane	20.0	20.99		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.60		ug/L		98	72 - 127
1,1-Dichloroethene	20.0	18.67		ug/L		93	69 - 130
1,2-Dichloropropane	20.0	20.21		ug/L		101	71 - 121
1,3-Dichloropropane	20.0	21.12		ug/L		106	76 - 125
2,2-Dichloropropane	20.0	22.29		ug/L		111	71 - 131
1,1-Dichloropropene	20.0	20.25		ug/L		101	74 - 129
Ethylbenzene	20.0	19.92		ug/L		100	75 - 127
Ethylene Dibromide	20.0	21.63		ug/L		108	68 - 133
Hexachlorobutadiene	20.0	18.77		ug/L		94	65 - 137
Hexane	20.0	21.65		ug/L		108	25 - 150
2-Hexanone	40.0	43.11		ug/L		108	70 - 130
Iodomethane	20.0	16.79		ug/L		84	50 - 150
Isopropylbenzene	20.0	18.93		ug/L		95	76 - 125
4-Isopropyltoluene	20.0	20.19		ug/L		101	78 - 126
Methylene Chloride	20.0	19.37		ug/L		97	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.99		ug/L		105	76 - 122
Methyl tert-butyl ether	20.0	21.99		ug/L		110	76 - 123
m-Xylene & p-Xylene	20.0	19.73		ug/L		99	76 - 128
Naphthalene	20.0	16.00		ug/L		80	67 - 129
n-Butylbenzene	20.0	19.96		ug/L		100	71 - 131
n-Heptane	20.0	23.30		ug/L		117	25 - 150
N-Propylbenzene	20.0	19.90		ug/L		99	75 - 127
o-Xylene	20.0	19.57		ug/L		98	78 - 124
sec-Butylbenzene	20.0	20.43		ug/L		102	74 - 127
Styrene	20.0	21.36		ug/L		107	71 - 129
tert-Butylbenzene	20.0	18.94		ug/L		95	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.06		ug/L		110	76 - 130
1,1,2,2-Tetrachloroethane	20.0	21.22		ug/L		106	73 - 127
Tetrachloroethene	20.0	21.41		ug/L		107	74 - 129
Toluene	20.0	19.08		ug/L		95	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.88		ug/L		89	50 - 150
trans-1,2-Dichloroethene	20.0	20.03		ug/L		100	74 - 124
trans-1,3-Dichloropropene	20.0	18.75		ug/L		94	59 - 135
1,2,3-Trichlorobenzene	20.0	17.69		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	16.80		ug/L		84	65 - 131
1,1,1-Trichloroethane	20.0	21.74		ug/L		109	71 - 124
1,1,2-Trichloroethane	20.0	21.34		ug/L		107	69 - 127

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

Lab Sample ID: LCS 705-109417/1003
Matrix: Water
Analysis Batch: 109417

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Trichloroethene			20.0	19.09		ug/L		95	72 - 129		
Trichlorofluoromethane			20.0	22.62		ug/L		113	63 - 142		
1,2,3-Trichloropropane			20.0	20.33		ug/L		102	70 - 127		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	20.69		ug/L		103	74 - 122		
1,2,4-Trimethylbenzene			20.0	20.25		ug/L		101	80 - 123		
1,3,5-Trimethylbenzene			20.0	19.91		ug/L		100	79 - 124		
Vinyl acetate			40.0	45.70		ug/L		114	50 - 150		
Vinyl chloride			20.0	24.53		ug/L		123	65 - 132		
Xylenes, Total			40.0	39.30		ug/L		98	75 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*95*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-109647/6
Matrix: Water
Analysis Batch: 109647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/23/26 13:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 126*		*01/23/26 13:25*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*01/23/26 13:25*	*1*
Toluene-d8 (Surr)	*96*		*79 - 119*		*01/23/26 13:25*	*1*

Lab Sample ID: LCS 705-109647/1003
Matrix: Water
Analysis Batch: 109647

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			20.0	22.60		ug/L		113	62 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: 752-41220-2 DU
Matrix: Water
Analysis Batch: 109647

Client Sample ID: A-MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	4.65	J		5.609	J	ug/L				19	30

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

Lab Sample ID: 752-41220-2 DU
Matrix: Water
Analysis Batch: 109647

Client Sample ID: A-MW-2
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	106		70 - 126
Dibromofluoromethane	106		77 - 121
Toluene-d8 (Surr)	94		79 - 119

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

Lab Sample ID: MB 400-737418/1-A
Matrix: Water
Analysis Batch: 737462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/26/26 13:32	01/27/26 13:40	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	60		40 - 150	01/26/26 13:32	01/27/26 13:40	1

Lab Sample ID: LCS 400-737418/2-A
Matrix: Water
Analysis Batch: 737462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737418

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			33.3	33.56		ug/L		101	30 - 150		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	62		30 - 150

Lab Sample ID: LCSD 400-737418/3-A
Matrix: Water
Analysis Batch: 737462

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737418

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			33.3	33.87		ug/L		102	30 - 150	1	40

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	63		30 - 150

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

Lab Sample ID: MB 400-737264/1-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/23/26 12:47	01/27/26 16:52	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/23/26 12:47	01/27/26 16:52	1

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

Lab Sample ID: MB 400-737264/1-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Nitroaniline	ND		10.0	1.37	ug/L		01/23/26 12:47	01/27/26 16:52	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/23/26 12:47	01/27/26 16:52	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/23/26 12:47	01/27/26 16:52	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/23/26 12:47	01/27/26 16:52	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/23/26 12:47	01/27/26 16:52	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/23/26 12:47	01/27/26 16:52	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/23/26 12:47	01/27/26 16:52	1
Acenaphthene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/27/26 16:52	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/23/26 12:47	01/27/26 16:52	1
Acetophenone	ND		10.0	3.20	ug/L		01/23/26 12:47	01/27/26 16:52	1
Anthracene	ND		10.0	0.910	ug/L		01/23/26 12:47	01/27/26 16:52	1
Atrazine	ND		10.0	1.13	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/23/26 12:47	01/27/26 16:52	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/23/26 12:47	01/27/26 16:52	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/23/26 12:47	01/27/26 16:52	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/23/26 12:47	01/27/26 16:52	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/23/26 12:47	01/27/26 16:52	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Caprolactam	ND		10.0	2.40	ug/L		01/23/26 12:47	01/27/26 16:52	1
Carbazole	ND		10.0	0.320	ug/L		01/23/26 12:47	01/27/26 16:52	1
Chrysene	ND		10.0	1.20	ug/L		01/23/26 12:47	01/27/26 16:52	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/23/26 12:47	01/27/26 16:52	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/23/26 12:47	01/27/26 16:52	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/23/26 12:47	01/27/26 16:52	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/23/26 12:47	01/27/26 16:52	1
Fluoranthene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/27/26 16:52	1
Fluorene	ND		10.0	0.670	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/23/26 12:47	01/27/26 16:52	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/23/26 12:47	01/27/26 16:52	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/23/26 12:47	01/27/26 16:52	1

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

Lab Sample ID: MB 400-737264/1-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		10.0	0.800	ug/L		01/23/26 12:47	01/27/26 16:52	1
Naphthalene	ND		10.0	0.750	ug/L		01/23/26 12:47	01/27/26 16:52	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/23/26 12:47	01/27/26 16:52	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/23/26 12:47	01/27/26 16:52	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/23/26 12:47	01/27/26 16:52	1
Pentachlorophenol	ND		10.0	2.80	ug/L		01/23/26 12:47	01/27/26 16:52	1
Phenanthrene	ND		10.0	0.740	ug/L		01/23/26 12:47	01/27/26 16:52	1
Phenol	ND		10.0	0.680	ug/L		01/23/26 12:47	01/27/26 16:52	1
Pyrene	ND		10.0	0.630	ug/L		01/23/26 12:47	01/27/26 16:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
Nitrobenzene-d5 (Surr)	*69*		*22 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
Phenol-d5 (Surr)	*75*		*10 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*
Terphenyl-d14 (Surr)	*63*		*28 - 150*	*01/23/26 12:47*	*01/27/26 16:52*	*1*

Lab Sample ID: LCS 400-737264/2-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	21.45		ug/L		64	27 - 120
2,4,5-Trichlorophenol	33.3	25.94		ug/L		78	27 - 136
2,4,6-Trichlorophenol	33.3	24.38		ug/L		73	21 - 132
2,4-Dichlorophenol	33.3	23.24		ug/L		70	30 - 125
2,4-Dimethylphenol	33.3	17.37		ug/L		52	10 - 142
2,4-Dinitrophenol	66.7	56.97		ug/L		85	10 - 150
2,4-Dinitrotoluene	33.3	25.01		ug/L		75	30 - 129
2,6-Dinitrotoluene	33.3	24.61		ug/L		74	34 - 132
2-Chloronaphthalene	33.3	19.93		ug/L		60	10 - 150
2-Chlorophenol	33.3	22.35		ug/L		67	28 - 127
2-Methylnaphthalene	33.3	20.85		ug/L		63	24 - 150
2-Methylphenol	33.3	20.78		ug/L		62	11 - 121
2-Nitroaniline	33.3	25.97		ug/L		78	31 - 141
2-Nitrophenol	33.3	23.71		ug/L		71	31 - 142
3 & 4 Methylphenol	33.3	20.90		ug/L		63	10 - 150
3,3'-Dichlorobenzidine	66.7	44.97		ug/L		67	10 - 150
3-Nitroaniline	33.3	26.82		ug/L		80	33 - 136
4,6-Dinitro-2-methylphenol	66.7	51.21		ug/L		77	10 - 150
4-Bromophenyl phenyl ether	33.3	22.50		ug/L		67	24 - 120
4-Chloro-3-methylphenol	33.3	20.46		ug/L		61	10 - 137
4-Chloroaniline	33.3	23.24		ug/L		70	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.03		ug/L		66	31 - 110
4-Nitroaniline	33.3	26.64		ug/L		80	37 - 139
4-Nitrophenol	66.7	49.39		ug/L		74	10 - 150
Acenaphthene	33.3	23.32		ug/L		70	29 - 150

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

Lab Sample ID: LCS 400-737264/2-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	33.3	23.92		ug/L		72	30 - 150
Acetophenone	33.3	18.78		ug/L		56	27 - 119
Anthracene	33.3	23.04		ug/L		69	31 - 150
Atrazine	33.3	23.80		ug/L		71	10 - 150
Benzaldehyde	33.3	22.33		ug/L		67	10 - 150
Benzo[a]anthracene	33.3	21.91		ug/L		66	36 - 150
Benzo[a]pyrene	33.3	23.16		ug/L		69	29 - 150
Benzo[b]fluoranthene	33.3	22.60		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	24.38		ug/L		73	28 - 150
Benzo[k]fluoranthene	33.3	23.09		ug/L		69	30 - 150
bis (2-chloroisopropyl) ether	33.3	20.23		ug/L		61	32 - 115
Bis(2-chloroethoxy)methane	33.3	22.47		ug/L		67	34 - 120
Bis(2-chloroethyl)ether	33.3	23.48		ug/L		70	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.82		ug/L		74	24 - 133
Butyl benzyl phthalate	33.3	22.81		ug/L		68	24 - 140
Caprolactam	33.3	21.56		ug/L		65	10 - 150
Carbazole	33.3	22.44		ug/L		67	28 - 123
Chrysene	33.3	21.06		ug/L		63	34 - 150
Dibenz(a,h)anthracene	33.3	22.89		ug/L		69	29 - 150
Dibenzofuran	33.3	21.87		ug/L		66	35 - 110
Diethyl phthalate	33.3	21.46		ug/L		64	31 - 118
Dimethyl phthalate	33.3	19.39		ug/L		58	24 - 125
Di-n-butyl phthalate	33.3	22.93		ug/L		69	30 - 127
Di-n-octyl phthalate	33.3	24.63		ug/L		74	28 - 142
Fluoranthene	33.3	22.82		ug/L		68	30 - 150
Fluorene	33.3	23.48		ug/L		70	30 - 150
Hexachlorobenzene	33.3	22.92		ug/L		69	29 - 113
Hexachlorobutadiene	33.3	11.65		ug/L		35	10 - 117
Hexachlorocyclopentadiene	33.3	11.74	J	ug/L		35	10 - 150
Hexachloroethane	33.3	13.53		ug/L		41	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	22.88		ug/L		69	28 - 150
Isophorone	33.3	21.47		ug/L		64	29 - 125
Naphthalene	33.3	18.70		ug/L		56	27 - 150
Nitrobenzene	33.3	22.79		ug/L		68	29 - 129
N-Nitrosodi-n-propylamine	33.3	23.80		ug/L		71	50 - 134
N-Nitrosodiphenylamine	33.1	22.98		ug/L		70	50 - 132
Pentachlorophenol	66.7	52.81		ug/L		79	14 - 150
Phenanthrene	33.3	22.50		ug/L		67	32 - 150
Phenol	33.3	25.46		ug/L		76	10 - 150
Pyrene	33.3	23.24		ug/L		70	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*
2-Fluorophenol (Surr)	*70*		*10 - 150*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*
Phenol-d5 (Surr)	*83*		*10 - 150*
Terphenyl-d14 (Surr)	*66*		*28 - 150*

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

Lab Sample ID: LCSD 400-737264/3-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737264

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	22.40		ug/L		67	27 - 120	4	40
2,4,5-Trichlorophenol			33.3	26.91		ug/L		81	27 - 136	4	40
2,4,6-Trichlorophenol			33.3	26.07		ug/L		78	21 - 132	7	40
2,4-Dichlorophenol			33.3	24.30		ug/L		73	30 - 125	4	40
2,4-Dimethylphenol			33.3	18.15		ug/L		54	10 - 142	4	40
2,4-Dinitrophenol			66.7	60.21		ug/L		90	10 - 150	6	40
2,4-Dinitrotoluene			33.3	24.31		ug/L		73	30 - 129	3	40
2,6-Dinitrotoluene			33.3	24.63		ug/L		74	34 - 132	0	40
2-Chloronaphthalene			33.3	20.41		ug/L		61	10 - 150	2	40
2-Chlorophenol			33.3	23.66		ug/L		71	28 - 127	6	40
2-Methylnaphthalene			33.3	21.92		ug/L		66	24 - 150	5	40
2-Methylphenol			33.3	20.23		ug/L		61	11 - 121	3	40
2-Nitroaniline			33.3	24.63		ug/L		74	31 - 141	5	40
2-Nitrophenol			33.3	26.36		ug/L		79	31 - 142	11	40
3 & 4 Methylphenol			33.3	18.98	J	ug/L		57	10 - 150	10	40
3,3'-Dichlorobenzidine			66.7	46.46		ug/L		70	10 - 150	3	40
3-Nitroaniline			33.3	24.91		ug/L		75	33 - 136	7	40
4,6-Dinitro-2-methylphenol			66.7	54.58		ug/L		82	10 - 150	6	40
4-Bromophenyl phenyl ether			33.3	21.30		ug/L		64	24 - 120	5	40
4-Chloro-3-methylphenol			33.3	21.95		ug/L		66	10 - 137	7	40
4-Chloroaniline			33.3	21.57		ug/L		65	10 - 150	7	40
4-Chlorophenyl phenyl ether			33.3	21.37		ug/L		64	31 - 110	3	40
4-Nitroaniline			33.3	26.00		ug/L		78	37 - 139	2	40
4-Nitrophenol			66.7	40.69		ug/L		61	10 - 150	19	40
Acenaphthene			33.3	23.55		ug/L		71	29 - 150	1	40
Acenaphthylene			33.3	23.92		ug/L		72	30 - 150	0	40
Acetophenone			33.3	19.22		ug/L		58	27 - 119	2	40
Anthracene			33.3	21.94		ug/L		66	31 - 150	5	40
Atrazine			33.3	21.71		ug/L		65	10 - 150	9	40
Benzaldehyde			33.3	22.63		ug/L		68	10 - 150	1	40
Benzo[a]anthracene			33.3	21.42		ug/L		64	36 - 150	2	40
Benzo[a]pyrene			33.3	22.12		ug/L		66	29 - 150	5	40
Benzo[b]fluoranthene			33.3	22.00		ug/L		66	32 - 150	3	40
Benzo[g,h,i]perylene			33.3	22.97		ug/L		69	28 - 150	6	40
Benzo[k]fluoranthene			33.3	21.60		ug/L		65	30 - 150	7	40
bis (2-chloroisopropyl) ether			33.3	21.01		ug/L		63	32 - 115	4	40
Bis(2-chloroethoxy)methane			33.3	22.72		ug/L		68	34 - 120	1	40
Bis(2-chloroethyl)ether			33.3	23.93		ug/L		72	32 - 114	2	40
Bis(2-ethylhexyl) phthalate			33.3	23.91		ug/L		72	24 - 133	4	40
Butyl benzyl phthalate			33.3	22.04		ug/L		66	24 - 140	3	40
Caprolactam			33.3	17.26		ug/L		52	10 - 150	22	40
Carbazole			33.3	21.31		ug/L		64	28 - 123	5	40
Chrysene			33.3	20.43		ug/L		61	34 - 150	3	40
Dibenz(a,h)anthracene			33.3	21.63		ug/L		65	29 - 150	6	40
Dibenzofuran			33.3	21.57		ug/L		65	35 - 110	1	40
Diethyl phthalate			33.3	21.92		ug/L		66	31 - 118	2	40
Dimethyl phthalate			33.3	20.50		ug/L		62	24 - 125	6	40
Di-n-butyl phthalate			33.3	21.73		ug/L		65	30 - 127	5	40

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

Lab Sample ID: LCSD 400-737264/3-A
Matrix: Water
Analysis Batch: 737466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737264

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate			33.3	23.79		ug/L		71	28 - 142	3	40
Fluoranthene			33.3	21.97		ug/L		66	30 - 150	4	40
Fluorene			33.3	23.00		ug/L		69	30 - 150	2	40
Hexachlorobenzene			33.3	21.82		ug/L		65	29 - 113	5	40
Hexachlorobutadiene			33.3	15.56		ug/L		47	10 - 117	29	40
Hexachlorocyclopentadiene			33.3	15.88	J	ug/L		48	10 - 150	30	40
Hexachloroethane			33.3	16.44		ug/L		49	10 - 112	19	40
Indeno[1,2,3-cd]pyrene			33.3	21.30		ug/L		64	28 - 150	7	40
Isophorone			33.3	22.09		ug/L		66	29 - 125	3	40
Naphthalene			33.3	19.62		ug/L		59	27 - 150	5	40
Nitrobenzene			33.3	23.57		ug/L		71	29 - 129	3	40
N-Nitrosodi-n-propylamine			33.3	25.30		ug/L		76	50 - 134	6	40
N-Nitrosodiphenylamine			33.1	22.01		ug/L		67	50 - 132	4	40
Pentachlorophenol			66.7	55.35		ug/L		83	14 - 150	5	40
Phenanthrene			33.3	21.69		ug/L		65	32 - 150	4	40
Phenol			33.3	20.06		ug/L		60	10 - 150	24	40
Pyrene			33.3	22.06		ug/L		66	30 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 150*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*
2-Fluorophenol (Surr)	*60*		*10 - 150*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*
Phenol-d5 (Surr)	*61*		*10 - 150*
Terphenyl-d14 (Surr)	*67*		*28 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-109404/154
Matrix: Water
Analysis Batch: 109404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/23/26 01:06	1

Lab Sample ID: LCS 705-109404/155
Matrix: Water
Analysis Batch: 109404

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	24.90		mg/L		100	90 - 110		

Lab Sample ID: MB 705-109737/54
Matrix: Water
Analysis Batch: 109737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/23/26 17:09	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-109737/55
Matrix: Water
Analysis Batch: 109737

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	24.74		mg/L		99	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-109490/1-A
Matrix: Water
Analysis Batch: 109942

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 109490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/22/26 14:18	01/24/26 03:38	1
Arsenic	ND		5.00	1.32	ug/L		01/22/26 14:18	01/24/26 03:38	1
Barium	ND		10.0	0.410	ug/L		01/22/26 14:18	01/24/26 03:38	1
Beryllium	ND		1.00	0.147	ug/L		01/22/26 14:18	01/24/26 03:38	1
Cadmium	ND		0.700	0.237	ug/L		01/22/26 14:18	01/24/26 03:38	1
Chromium	ND		5.00	3.69	ug/L		01/22/26 14:18	01/24/26 03:38	1
Cobalt	ND		5.00	0.411	ug/L		01/22/26 14:18	01/24/26 03:38	1
Copper	ND		2.00	0.642	ug/L		01/22/26 14:18	01/24/26 03:38	1
Lead	ND		1.00	0.864	ug/L		01/22/26 14:18	01/24/26 03:38	1
Manganese	ND		5.00	1.29	ug/L		01/22/26 14:18	01/24/26 03:38	1
Nickel	ND		5.00	0.422	ug/L		01/22/26 14:18	01/24/26 03:38	1
Selenium	ND		5.00	2.29	ug/L		01/22/26 14:18	01/24/26 03:38	1
Silver	ND		1.00	0.167	ug/L		01/22/26 14:18	01/24/26 03:38	1
Thallium	ND		1.00	0.190	ug/L		01/22/26 14:18	01/24/26 03:38	1
Vanadium	ND		5.00	1.22	ug/L		01/22/26 14:18	01/24/26 03:38	1
Zinc	ND		10.0	8.91	ug/L		01/22/26 14:18	01/24/26 03:38	1

Lab Sample ID: LCS 705-109490/2-A
Matrix: Water
Analysis Batch: 109942

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 109490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	93.66		ug/L		94	80 - 120
Arsenic	100	107.7		ug/L		108	80 - 120
Barium	100	96.10		ug/L		96	80 - 120
Beryllium	100	91.39		ug/L		91	80 - 120
Cadmium	100	93.65		ug/L		94	80 - 120
Chromium	100	91.30		ug/L		91	80 - 120
Cobalt	100	107.6		ug/L		108	80 - 120
Copper	100	111.9		ug/L		112	80 - 120
Lead	100	101.4		ug/L		101	80 - 120
Manganese	100	91.70		ug/L		92	80 - 120
Nickel	100	94.96		ug/L		95	80 - 120
Selenium	100	96.01		ug/L		96	80 - 120
Silver	10.0	10.03		ug/L		100	80 - 120
Thallium	100	103.0		ug/L		103	80 - 120
Vanadium	100	107.0		ug/L		107	80 - 120
Zinc	100	100.7		ug/L		101	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-110117/1-A
Matrix: Water
Analysis Batch: 110524

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^1+ ^+	0.200	0.166	ug/L		01/27/26 09:50	01/27/26 13:40	1

Lab Sample ID: LCS 705-110117/2-A
Matrix: Water
Analysis Batch: 110524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.709	^1+ ^+	ug/L		118	80 - 120

Lab Sample ID: MB 705-110840/1-A
Matrix: Water
Analysis Batch: 111207

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 110840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		01/30/26 08:46	01/30/26 12:58	1

Lab Sample ID: LCS 705-110840/2-A
Matrix: Water
Analysis Batch: 111207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 110840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.126		ug/L		103	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14664/13
Matrix: Water
Analysis Batch: 14664

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/23/26 09:26	1

Lab Sample ID: LCS 752-14664/14
Matrix: Water
Analysis Batch: 14664

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.039		mg/L		102	90 - 110

Lab Sample ID: 752-41220-1 MS
Matrix: Water
Analysis Batch: 14664

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 (as N)	0.0259	J F1	0.395	ND	F1	mg/L		0	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-41220-1 MSD
Matrix: Water
Analysis Batch: 14664

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 (as N)	0.0259	J F1	0.395	0.03240	J F1	mg/L		2	90 - 110	NC	30

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-888120/46
Matrix: Water
Analysis Batch: 888120

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			01/23/26 11:40	1

Lab Sample ID: LCS 680-888120/47
Matrix: Water
Analysis Batch: 888120

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	0.9810		mg/L		98	90 - 110

Lab Sample ID: MB 680-888125/31
Matrix: Water
Analysis Batch: 888125

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			01/23/26 15:23	1

Lab Sample ID: LCS 680-888125/32
Matrix: Water
Analysis Batch: 888125

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	1.026		mg/L		103	90 - 110

Lab Sample ID: 752-41220-6 MS
Matrix: Water
Analysis Batch: 888125

Client Sample ID: 822-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	0.141	F1	1.00	0.7960	F1	mg/L		66	90 - 110

Lab Sample ID: 752-41220-6 MSD
Matrix: Water
Analysis Batch: 888125

Client Sample ID: 822-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	0.141	F1	1.00	0.8280	F1	mg/L		69	90 - 110	4	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 752-41220-7 MS
Matrix: Water
Analysis Batch: 888125

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	1.57	F1	1.00	2.194	F1	mg/L		63	90 - 110		

Lab Sample ID: 752-41220-7 MSD
Matrix: Water
Analysis Batch: 888125

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	1.57	F1	1.00	2.250	F1	mg/L		69	90 - 110	3	10

QC Association Summary

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

Job ID: 752-41220-1

GC/MS VOA

Analysis Batch: 109350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	8260D	
752-41220-2	A-MW-2	Total/NA	Water	8260D	
752-41220-3	A-MW-3	Total/NA	Water	8260D	
752-41220-6	822-MW-6	Total/NA	Water	8260D	
752-41220-7	MW-7	Total/NA	Water	8260D	
752-41220-8	822-MW-Dup-1	Total/NA	Water	8260D	
MB 705-109350/7	Method Blank	Total/NA	Water	8260D	
LCS 705-109350/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-109350/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 109417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-4	A-MW-4	Total/NA	Water	8260D	
752-41220-5	A-MW-6	Total/NA	Water	8260D	
MB 705-109417/6	Method Blank	Total/NA	Water	8260D	
LCS 705-109417/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-109417/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 109647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-2	A-MW-2	Total/NA	Water	8260D	
MB 705-109647/6	Method Blank	Total/NA	Water	8260D	
LCS 705-109647/1003	Lab Control Sample	Total/NA	Water	8260D	
752-41220-2 DU	A-MW-2	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	3511	
752-41220-2	A-MW-2	Total/NA	Water	3511	
752-41220-3	A-MW-3	Total/NA	Water	3511	
752-41220-4	A-MW-4	Total/NA	Water	3511	
752-41220-5	A-MW-6	Total/NA	Water	3511	
752-41220-6	822-MW-6	Total/NA	Water	3511	
752-41220-7	MW-7	Total/NA	Water	3511	
752-41220-8	822-MW-Dup-1	Total/NA	Water	3511	
MB 400-737264/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737264/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737264/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 737418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	3511	
752-41220-2	A-MW-2	Total/NA	Water	3511	
752-41220-3	A-MW-3	Total/NA	Water	3511	
752-41220-4	A-MW-4	Total/NA	Water	3511	
752-41220-5	A-MW-6	Total/NA	Water	3511	
752-41220-6	822-MW-6	Total/NA	Water	3511	
752-41220-7	MW-7	Total/NA	Water	3511	
752-41220-8	822-MW-Dup-1	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 737418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-737418/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737418/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737418/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 737462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	8270E	737418
752-41220-2	A-MW-2	Total/NA	Water	8270E	737418
752-41220-3	A-MW-3	Total/NA	Water	8270E	737418
752-41220-4	A-MW-4	Total/NA	Water	8270E	737418
752-41220-5	A-MW-6	Total/NA	Water	8270E	737418
752-41220-6	822-MW-6	Total/NA	Water	8270E	737418
752-41220-7	MW-7	Total/NA	Water	8270E	737418
752-41220-8	822-MW-Dup-1	Total/NA	Water	8270E	737418
MB 400-737418/1-A	Method Blank	Total/NA	Water	8270E	737418
LCS 400-737418/2-A	Lab Control Sample	Total/NA	Water	8270E	737418
LCSD 400-737418/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737418

Analysis Batch: 737466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	8270E	737264
752-41220-2	A-MW-2	Total/NA	Water	8270E	737264
752-41220-3	A-MW-3	Total/NA	Water	8270E	737264
752-41220-4	A-MW-4	Total/NA	Water	8270E	737264
752-41220-5	A-MW-6	Total/NA	Water	8270E	737264
752-41220-6	822-MW-6	Total/NA	Water	8270E	737264
752-41220-7	MW-7	Total/NA	Water	8270E	737264
752-41220-8	822-MW-Dup-1	Total/NA	Water	8270E	737264
MB 400-737264/1-A	Method Blank	Total/NA	Water	8270E	737264
LCS 400-737264/2-A	Lab Control Sample	Total/NA	Water	8270E	737264
LCSD 400-737264/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737264

HPLC/IC

Analysis Batch: 109404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	9056A	
752-41220-2	A-MW-2	Total/NA	Water	9056A	
752-41220-4	A-MW-4	Total/NA	Water	9056A	
752-41220-5	A-MW-6	Total/NA	Water	9056A	
752-41220-6	822-MW-6	Total/NA	Water	9056A	
752-41220-7	MW-7	Total/NA	Water	9056A	
MB 705-109404/154	Method Blank	Total/NA	Water	9056A	
LCS 705-109404/155	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 109737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-3	A-MW-3	Total/NA	Water	9056A	
752-41220-8	822-MW-Dup-1	Total/NA	Water	9056A	
MB 705-109737/54	Method Blank	Total/NA	Water	9056A	
LCS 705-109737/55	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 109490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total Recoverable	Water	3005A	
752-41220-2	A-MW-2	Total Recoverable	Water	3005A	
752-41220-3	A-MW-3	Total Recoverable	Water	3005A	
752-41220-4	A-MW-4	Total Recoverable	Water	3005A	
752-41220-5	A-MW-6	Total Recoverable	Water	3005A	
752-41220-6	822-MW-6	Total Recoverable	Water	3005A	
752-41220-7	MW-7	Total Recoverable	Water	3005A	
752-41220-8	822-MW-Dup-1	Total Recoverable	Water	3005A	
MB 705-109490/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-109490/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 109942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-4	A-MW-4	Total Recoverable	Water	6020B	109490
752-41220-5	A-MW-6	Total Recoverable	Water	6020B	109490
752-41220-6	822-MW-6	Total Recoverable	Water	6020B	109490
752-41220-7	MW-7	Total Recoverable	Water	6020B	109490
752-41220-8	822-MW-Dup-1	Total Recoverable	Water	6020B	109490
MB 705-109490/1-A	Method Blank	Total Recoverable	Water	6020B	109490
LCS 705-109490/2-A	Lab Control Sample	Total Recoverable	Water	6020B	109490

Analysis Batch: 110045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total Recoverable	Water	6020B	109490
752-41220-2	A-MW-2	Total Recoverable	Water	6020B	109490
752-41220-3	A-MW-3	Total Recoverable	Water	6020B	109490

Prep Batch: 110117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	7470A	
752-41220-2	A-MW-2	Total/NA	Water	7470A	
752-41220-3	A-MW-3	Total/NA	Water	7470A	
752-41220-4	A-MW-4	Total/NA	Water	7470A	
752-41220-5	A-MW-6	Total/NA	Water	7470A	
752-41220-7	MW-7	Total/NA	Water	7470A	
MB 705-110117/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-110117/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 110524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	7470A	110117
752-41220-2	A-MW-2	Total/NA	Water	7470A	110117
752-41220-3	A-MW-3	Total/NA	Water	7470A	110117
752-41220-4	A-MW-4	Total/NA	Water	7470A	110117
752-41220-5	A-MW-6	Total/NA	Water	7470A	110117
752-41220-7	MW-7	Total/NA	Water	7470A	110117
MB 705-110117/1-A	Method Blank	Total/NA	Water	7470A	110117
LCS 705-110117/2-A	Lab Control Sample	Total/NA	Water	7470A	110117

Metals

Prep Batch: 110840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-6	822-MW-6	Total/NA	Water	7470A	
752-41220-8	822-MW-Dup-1	Total/NA	Water	7470A	
MB 705-110840/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-110840/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 111207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-6	822-MW-6	Total/NA	Water	7470A	110840
752-41220-8	822-MW-Dup-1	Total/NA	Water	7470A	110840
MB 705-110840/1-A	Method Blank	Total/NA	Water	7470A	110840
LCS 705-110840/2-A	Lab Control Sample	Total/NA	Water	7470A	110840

General Chemistry

Analysis Batch: 14664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	350.1	
752-41220-2	A-MW-2	Total/NA	Water	350.1	
752-41220-3	A-MW-3	Total/NA	Water	350.1	
752-41220-4	A-MW-4	Total/NA	Water	350.1	
752-41220-5	A-MW-6	Total/NA	Water	350.1	
752-41220-6	822-MW-6	Total/NA	Water	350.1	
752-41220-7	MW-7	Total/NA	Water	350.1	
752-41220-8	822-MW-Dup-1	Total/NA	Water	350.1	
MB 752-14664/13	Method Blank	Total/NA	Water	350.1	
LCS 752-14664/14	Lab Control Sample	Total/NA	Water	350.1	
752-41220-1 MS	A-MW-1	Total/NA	Water	350.1	
752-41220-1 MSD	A-MW-1	Total/NA	Water	350.1	

Analysis Batch: 888120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-41220-2	A-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41220-3	A-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-41220-4	A-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-41220-5	A-MW-6	Total/NA	Water	353.2-1993 R2.0	
MB 680-888120/46	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888120/47	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 888121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-1	A-MW-1	Total/NA	Water	Nitrate by calc	
752-41220-2	A-MW-2	Total/NA	Water	Nitrate by calc	
752-41220-3	A-MW-3	Total/NA	Water	Nitrate by calc	
752-41220-4	A-MW-4	Total/NA	Water	Nitrate by calc	
752-41220-5	A-MW-6	Total/NA	Water	Nitrate by calc	
752-41220-6	822-MW-6	Total/NA	Water	Nitrate by calc	
752-41220-7	MW-7	Total/NA	Water	Nitrate by calc	
752-41220-8	822-MW-Dup-1	Total/NA	Water	Nitrate by calc	

QC Association Summary

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

Job ID: 752-41220-1

General Chemistry

Analysis Batch: 888125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41220-6	822-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-41220-7	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-41220-8	822-MW-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-888125/31	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888125/32	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-41220-6 MS	822-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-41220-6 MSD	822-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-41220-7 MS	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-41220-7 MSD	MW-7	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-41220-1

Client Sample ID: A-MW-1

Lab Sample ID: 752-41220-1

Date Collected: 01/19/26 12:05

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 17:29
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 15:10
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 18:28
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 02:03
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	110045	IF	EET ATL	01/24/26 15:34
Total/NA	Prep	7470A			110117	TR	EET ATL	01/27/26 09:50
Total/NA	Analysis	7470A		1	110524	GR	EET ATL	01/27/26 14:43
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:33
Total/NA	Analysis	353.2-1993 R2.0		1	888120	NVF	EET SAV	01/23/26 12:00
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: A-MW-2

Lab Sample ID: 752-41220-2

Date Collected: 01/19/26 12:40

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 17:52
Total/NA	Analysis	8260D		1	109647	AV	EET ATL 1	01/23/26 13:51
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 15:40
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 19:00
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 02:14
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	110045	IF	EET ATL	01/24/26 15:37
Total/NA	Prep	7470A			110117	TR	EET ATL	01/27/26 09:50
Total/NA	Analysis	7470A		1	110524	GR	EET ATL	01/27/26 14:47
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:38
Total/NA	Analysis	353.2-1993 R2.0		1	888120	NVF	EET SAV	01/23/26 12:02
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: A-MW-3

Lab Sample ID: 752-41220-3

Date Collected: 01/19/26 13:20

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 18:15
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 16:10
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 19:33

Lab Chronicle

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

Job ID: 752-41220-1

Client Sample ID: A-MW-3

Lab Sample ID: 752-41220-3

Date Collected: 01/19/26 13:20

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		10	109737	MS	EET ATL 2	01/23/26 19:39
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	110045	IF	EET ATL	01/24/26 15:40
Total/NA	Prep	7470A			110117	TR	EET ATL	01/27/26 09:50
Total/NA	Analysis	7470A		1	110524	GR	EET ATL	01/27/26 14:51
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:40
Total/NA	Analysis	353.2-1993 R2.0		1	888120	NVF	EET SAV	01/23/26 12:04
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: A-MW-4

Lab Sample ID: 752-41220-4

Date Collected: 01/19/26 10:50

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109417	AG	EET ATL	01/22/26 19:06
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 16:39
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 20:05
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 02:25
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	109942	TT	EET ATL	01/24/26 05:08
Total/NA	Prep	7470A			110117	TR	EET ATL	01/27/26 09:50
Total/NA	Analysis	7470A		1	110524	GR	EET ATL	01/27/26 14:55
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:41
Total/NA	Analysis	353.2-1993 R2.0		1	888120	NVF	EET SAV	01/23/26 12:10
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: A-MW-6

Lab Sample ID: 752-41220-5

Date Collected: 01/19/26 16:10

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109417	AG	EET ATL	01/22/26 18:16
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 17:09
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 20:37
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 02:37
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	109942	TT	EET ATL	01/24/26 05:11
Total/NA	Prep	7470A			110117	TR	EET ATL	01/27/26 09:50
Total/NA	Analysis	7470A		1	110524	GR	EET ATL	01/27/26 14:59
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:43

Lab Chronicle

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

Job ID: 752-41220-1

Client Sample ID: A-MW-6

Lab Sample ID: 752-41220-5

Date Collected: 01/19/26 16:10

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2-1993 R2.0		1	888120	NVF	EET SAV	01/23/26 12:11
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: 822-MW-6

Lab Sample ID: 752-41220-6

Date Collected: 01/19/26 15:50

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 19:22
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 17:39
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 21:09
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 02:48
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	109942	TT	EET ATL	01/24/26 05:14
Total/NA	Prep	7470A			110840	TR	EET ATL	01/30/26 13:03
Total/NA	Analysis	7470A		1	111207	GR	EET ATL	01/30/26 15:22
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:45
Total/NA	Analysis	353.2-1993 R2.0		1	888125	NVF	EET SAV	01/23/26 14:23
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Client Sample ID: MW-7

Lab Sample ID: 752-41220-7

Date Collected: 01/19/26 14:50

Matrix: Water

Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 19:44
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 18:09
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 21:41
Total/NA	Analysis	9056A		1	109404	MS	EET ATL	01/23/26 03:34
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	109942	TT	EET ATL	01/24/26 05:16
Total/NA	Prep	7470A			110117	TR	EET ATL	01/27/26 09:50
Total/NA	Analysis	7470A		1	110524	GR	EET ATL	01/27/26 15:06
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:47
Total/NA	Analysis	353.2-1993 R2.0		2	888125	NVF	EET SAV	01/23/26 14:29
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41220-1
Project/Site: Lyon Park

Client Sample ID: 822-MW-Dup-1
Lab Sample ID: 752-41220-8

Date Collected: 01/19/26 00:00
Matrix: Water
Date Received: 01/20/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	109350	UI	EET ATL 1	01/22/26 20:07
Total/NA	Prep	3511			737418	JPH	EET PEN	01/26/26 13:32
Total/NA	Analysis	8270E		1	737462	JAW	EET PEN	01/27/26 18:40
Total/NA	Prep	3511			737264	AMM	EET PEN	01/23/26 12:47
Total/NA	Analysis	8270E		1	737466	JAW	EET PEN	01/27/26 22:13
Total/NA	Analysis	9056A		10	109737	MS	EET ATL 2	01/23/26 19:50
Total Recoverable	Prep	3005A			109490	SA	EET ATL	01/22/26 14:18
Total Recoverable	Analysis	6020B		1	109942	TT	EET ATL	01/24/26 05:19
Total/NA	Prep	7470A			110840	TR	EET ATL	01/30/26 13:03
Total/NA	Analysis	7470A		1	111207	GR	EET ATL	01/30/26 15:26
Total/NA	Analysis	350.1		1	14664	CB	EET RAL	01/23/26 09:48
Total/NA	Analysis	353.2-1993 R2.0		1	888125	NVF	EET SAV	01/23/26 14:36
Total/NA	Analysis	Nitrate by calc		1	888121	NVF	EET SAV	01/28/26 14:13

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, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41220-1
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	12-31-26

Laboratory: Eurofins Atlanta

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	562	12-31-26

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	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

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	12-31-26

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
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	12-31-26

Method Summary

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

Job ID: 752-41220-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
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, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

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

Job ID: 752-41220-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41220-1	A-MW-1	Water	01/19/26 12:05	01/20/26 16:45	North Carolina
752-41220-2	A-MW-2	Water	01/19/26 12:40	01/20/26 16:45	North Carolina
752-41220-3	A-MW-3	Water	01/19/26 13:20	01/20/26 16:45	North Carolina
752-41220-4	A-MW-4	Water	01/19/26 10:50	01/20/26 16:45	North Carolina
752-41220-5	A-MW-6	Water	01/19/26 16:10	01/20/26 16:45	North Carolina
752-41220-6	822-MW-6	Water	01/19/26 15:50	01/20/26 16:45	North Carolina
752-41220-7	MW-7	Water	01/19/26 14:50	01/20/26 16:45	North Carolina
752-41220-8	822-MW-Dup-1	Water	01/19/26 00:00	01/20/26 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: CF/RM	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170211-59871.1
Client Contact: Jerry Paul	Phone: 919-872-2660	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1/1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
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

752-41220 COC

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_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	Special Instructions/Note:
Preservation Code:							N	N	S	A	D	N	N		
A-MW-1	1-19-26	1205	G	W											
A-MW-2		1240													
A-MW-3		1320													
A-MW-4		1050													
A-MW-6		1610													
822-MW-6		1550													
[redacted] MW-7		1450													
822-MW-DUP-1		—													

Initial Temperature: 35/3.9°C
Correction Factor: -0.3°C
Corrected Temperature: 3.2/35°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
[signature]	1-20-26 1640		[signature]	01/2026 1645	
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: 752-7776.1
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 #: 752-41220-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 1/29/2026			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)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVH1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
A-MW-1 (752-41220-1)	1/19/26	12.05 Eastern	G	Water			X	X	6	
A-MW-2 (752-41220-2)	1/19/26	12.40 Eastern	G	Water			X	X	6	
A-MW-3 (752-41220-3)	1/19/26	13.20 Eastern	G	Water			X	X	6	
A-MW-4 (752-41220-4)	1/19/26	10 50 Eastern	G	Water			X	X	6	
A-MW-6 (752-41220-5)	1/19/26	16 10 Eastern	G	Water			X	X	6	
822-MW-6 (752-41220-6)	1/19/26	15 50 Eastern	G	Water			X	X	6	
MW-7 (752-41220-7)	1/19/26	14 50 Eastern	G	Water			X	X	6	
822-MW-Dup-1 (752-41220-8)	1/19/26	Eastern	G	Water			X	X	6	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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	1/21/26 16:00				
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: 0.0C 0.0C 0.3C 1.0C IR/1

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: 752-7777 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 Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41220-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 1/29/2026			
City: Savannah	TAT Requested (days): N/A			
State Zip: GA, 31405				
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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
A-MW-1 (752-41220-1)	1/19/26	12.05 Eastern	G	Water			X	X	1	
A-MW-2 (752-41220-2)	1/19/26	12.40 Eastern	G	Water			X	X	1	
A-MW-3 (752-41220-3)	1/19/26	13 20 Eastern	G	Water			X	X	1	
A-MW-4 (752-41220-4)	1/19/26	10 50 Eastern	G	Water			X	X	1	
A-MW-6 (752-41220-5)	1/19/26	16 10 Eastern	G	Water			X	X	1	
822-MW-6 (752-41220-6)	1/19/26	15 50 Eastern	G	Water			X	X	1	
MW-7 (752-41220-7)	1/19/26	14 50 Eastern	G	Water			X	X	1	
822-MW-Dup-1 (752-41220-8)	1/19/26	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
PL	1/21/26 1600			1/22/26 0920	EUN
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: 2.0 | 2.6

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: 752-7774 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 #: 752-41220-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 1/29/2026			
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)	8260D_LL/5030BVOC NC 02L List	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
A-MW-1 (752-41220-1)	1/19/26	12.05 Eastern	G	Water			X	X	X	X	5	Sulfate only
A-MW-2 (752-41220-2)	1/19/26	12.40 Eastern	G	Water			X	X	X	X	5	Sulfate only
A-MW-3 (752-41220-3)	1/19/26	13 20 Eastern	G	Water			X	X	X	X	5	, Sulfate only
A-MW-4 (752-41220-4)	1/19/26	10 50 Eastern	G	Water			X	X	X	X	5	, Sulfate only
A-MW-6 (752-41220-5)	1/19/26	16 10 Eastern	G	Water			X	X	X	X	5	Sulfate only
822-MW-6 (752-41220-6)	1/19/26	15 50 Eastern	G	Water			X	X	X	X	5	, Sulfate only
MW-7 (752-41220-7)	1/19/26	14 50 Eastern	G	Water			X	X	X	X	5	, Sulfate only
822-MW-Dup-1 (752-41220-8)	1/19/26	Eastern	G	Water			X	X	X	X	5	Sulfate only

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
PG	1/21/26 16:00				
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: 2665 0.9 2.1

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41220-1

Login Number: 41220

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: 752-41220-1

Login Number: 41220
List Number: 3
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 01/22/26 11:41 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: 752-41220-1

Login Number: 41220
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 01/22/26 05:08 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, 0.3°C, 1.0°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	752-412220-G-4 AMBER VOA VIAL BROKE DURING TRANSIT
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: 752-41220-1

Login Number: 41220
List Number: 2
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 01/22/26 10:11 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 2/10/2026 1:23:47 PM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-41471-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

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2/10/2026 1:23:47 PM

Authorized for release by
Chad Bechtold, Project Manager
Chad.Bechtold@et.eurofinsus.com
(813)690-3563

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Client: S&ME Inc
Job ID: 752-41471-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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.

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
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.
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
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
752-41471-1

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 1/29/2026 4:15 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 2.7°C and 3.6°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112647 recovered outside control limits for the following analyte: Isopropyl ether. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte was recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect the compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112666 recovered outside control limits for the following analytes Isopropyl ether. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte was recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect the compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112666 recovered outside control limits for the following analyte: Vinyl acetate. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte was recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect the compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The samples associated with the QC were non-detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-112666/4), (LCS 705-112666/1004) and (752-41471-G-7 MS)

Method 8260D: The Trip blank associated with analytical batch 705-112958 contained Acetone greater than one-half the reporting limit (1/2RL). The trip blank was re-analyzed to confirm contamination. Only one set of results are included in the report. Trip Blank (752-41471-11)

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
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: 752-41471-1

Client Sample ID: 822-SW-9 — Lab Sample ID: 752-41471-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	77.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.424	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.57		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.93		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	121		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.64	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	18.8		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.196		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.196		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	24.1	F1 F2	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-8 — Lab Sample ID: 752-41471-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	69.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.40		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	92.9		5.00	1.29	ug/L	1		6020B	Total Recoverable
Zinc	14.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.234		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.234		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	25.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-7 — Lab Sample ID: 752-41471-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	63.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.97		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	83.9		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.03	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	10.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.114		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.114		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	24.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-6 — Lab Sample ID: 752-41471-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	70.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.421	J	5.00	0.411	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-6 (Continued) — Lab Sample ID: 752-41471-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	5.10		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	4.95		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	114		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.65	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.28	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	22.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.121		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.121		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	21.3		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-Dup — Lab Sample ID: 752-41471-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	61.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.98		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	64.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.06	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	11.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.122		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.122		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	25.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-5 — Lab Sample ID: 752-41471-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	52.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.60		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	48.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.923	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Thallium	1.00		1.00	0.190	ug/L	1		6020B	Total Recoverable
Zinc	10.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.125		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.125		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	25.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-4 — Lab Sample ID: 752-41471-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	59.2		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 822-SW-4 (Continued) — Lab Sample ID: 752-41471-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	5.24		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.16		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	40.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.80	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	16.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.120		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.120		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	25.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-3 — Lab Sample ID: 752-41471-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	57.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.67		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	12.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.738	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	9.04	J	10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.177		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.177		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	22.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-2 — Lab Sample ID: 752-41471-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	64.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.91		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	4.91		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	37.1		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.28	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	18.1		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.177		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.177		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	26.4		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 822-SW-1 — Lab Sample ID: 752-41471-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	8.28	J	9.80	8.03	ug/L	1		8270E	Total/NA
Barium	61.9		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-SW-1 (Continued)
Lab Sample ID: 752-41471-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	2.71		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	38.9		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.630	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	10.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.196		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.196		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	25.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-41471-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.97	J	10.0	4.04	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-SW-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 22:47	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 22:47	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 22:47	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 22:47	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 22:47	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 22:47	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 22:47	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 22:47	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 22:47	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 22:47	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 22:47	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 22:47	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 22:47	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 22:47	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 22:47	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 22:47	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 22:47	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 22:47	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 22:47	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 22:47	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 22:47	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 22:47	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 22:47	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 22:47	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 22:47	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 22:47	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 22:47	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 22:47	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 22:47	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 22:47	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 22:47	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 22:47	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 22:47	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 22:47	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 22:47	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 22:47	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 22:47	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 22:47	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 22:47	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 22:47	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 22:47	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 22:47	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 22:47	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 22:47	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 22:47	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 22:47	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 22:47	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 22:47	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 22:47	1

Client Sample ID: 822-SW-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-1
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		1.00	0.270	ug/L			02/07/26 22:47	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 22:47	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 22:47	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 22:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 22:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 22:47	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 22:47	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 22:47	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 22:47	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 22:47	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 22:47	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 22:47	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 22:47	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 22:47	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 22:47	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 22:47	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 22:47	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 22:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 22:47	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 22:47	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 22:47	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 22:47	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 22:47	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 22:47*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/07/26 22:47*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/07/26 22:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/31/26 14:24	02/04/26 02:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*75*		*40 - 150*	*01/31/26 14:24*	*02/04/26 02:30*	*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		10.0	0.420	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		02/03/26 10:23	02/09/26 13:48	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		02/03/26 10:23	02/09/26 13:48	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		02/03/26 10:23	02/09/26 13:48	1
2-Chlorophenol	ND		10.0	0.840	ug/L		02/03/26 10:23	02/09/26 13:48	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		02/03/26 10:23	02/09/26 13:48	1
2-Methylphenol	ND		10.0	0.760	ug/L		02/03/26 10:23	02/09/26 13:48	1

Client Sample ID: 822-SW-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		02/03/26 10:23	02/09/26 13:48	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/03/26 10:23	02/09/26 13:48	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		02/03/26 10:23	02/09/26 13:48	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		02/03/26 10:23	02/09/26 13:48	1
3-Nitroaniline	ND		10.0	0.950	ug/L		02/03/26 10:23	02/09/26 13:48	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		02/03/26 10:23	02/09/26 13:48	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/03/26 10:23	02/09/26 13:48	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		02/03/26 10:23	02/09/26 13:48	1
4-Chloroaniline	ND		10.0	0.580	ug/L		02/03/26 10:23	02/09/26 13:48	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		02/03/26 10:23	02/09/26 13:48	1
4-Nitroaniline	ND		10.0	3.50	ug/L		02/03/26 10:23	02/09/26 13:48	1
4-Nitrophenol	ND		10.0	2.74	ug/L		02/03/26 10:23	02/09/26 13:48	1
Acenaphthene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/09/26 13:48	1
Acenaphthylene	ND		10.0	0.760	ug/L		02/03/26 10:23	02/09/26 13:48	1
Acetophenone	ND		10.0	3.20	ug/L		02/03/26 10:23	02/09/26 13:48	1
Anthracene	ND		10.0	0.910	ug/L		02/03/26 10:23	02/09/26 13:48	1
Atrazine	ND		10.0	1.13	ug/L		02/03/26 10:23	02/09/26 13:48	1
Benzaldehyde	ND		10.0	0.670	ug/L		02/03/26 10:23	02/09/26 13:48	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/03/26 10:23	02/09/26 13:48	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/09/26 13:48	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/09/26 13:48	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		02/03/26 10:23	02/09/26 13:48	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		02/03/26 10:23	02/09/26 13:48	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		02/03/26 10:23	02/09/26 13:48	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		02/03/26 10:23	02/09/26 13:48	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		02/03/26 10:23	02/09/26 13:48	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/09/26 13:48	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/09/26 13:48	1
Caprolactam	ND		10.0	2.40	ug/L		02/03/26 10:23	02/09/26 13:48	1
Carbazole	ND		10.0	0.320	ug/L		02/03/26 10:23	02/09/26 13:48	1
Chrysene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/09/26 13:48	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/03/26 10:23	02/09/26 13:48	1
Dibenzofuran	ND		10.0	0.640	ug/L		02/03/26 10:23	02/09/26 13:48	1
Diethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/09/26 13:48	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/09/26 13:48	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		02/03/26 10:23	02/09/26 13:48	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/09/26 13:48	1
Fluoranthene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/09/26 13:48	1
Fluorene	ND		10.0	0.670	ug/L		02/03/26 10:23	02/09/26 13:48	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		02/03/26 10:23	02/09/26 13:48	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		02/03/26 10:23	02/09/26 13:48	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		02/03/26 10:23	02/09/26 13:48	1
Hexachloroethane	ND		10.0	0.530	ug/L		02/03/26 10:23	02/09/26 13:48	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/09/26 13:48	1
Isophorone	ND		10.0	0.800	ug/L		02/03/26 10:23	02/09/26 13:48	1
Naphthalene	ND		10.0	0.750	ug/L		02/03/26 10:23	02/09/26 13:48	1
Nitrobenzene	ND		10.0	0.600	ug/L		02/03/26 10:23	02/09/26 13:48	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		02/03/26 10:23	02/09/26 13:48	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		02/03/26 10:23	02/09/26 13:48	1

Client Sample ID: 822-SW-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		02/03/26 10:23	02/09/26 13:48	1
Phenanthrene	ND		10.0	0.740	ug/L		02/03/26 10:23	02/09/26 13:48	1
Phenol	ND		10.0	0.680	ug/L		02/03/26 10:23	02/09/26 13:48	1
Pyrene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/09/26 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 150*	*02/03/26 10:23*	*02/09/26 13:48*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*02/03/26 10:23*	*02/09/26 13:48*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*02/03/26 10:23*	*02/09/26 13:48*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*02/03/26 10:23*	*02/09/26 13:48*	*1*
Phenol-d5 (Surr)	*68*		*10 - 150*	*02/03/26 10:23*	*02/09/26 13:48*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*02/03/26 10:23*	*02/09/26 13:48*	*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		02/02/26 14:42	02/06/26 01:39	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 01:39	1
Barium	**77.4**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 01:39	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 01:39	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 01:39	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 01:39	1
Cobalt	**0.424**	**J**	5.00	0.411	ug/L		02/02/26 14:42	02/06/26 01:39	1
Copper	**3.57**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 01:39	1
Lead	**2.93**		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 01:39	1
Manganese	**121**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 01:39	1
Nickel	**1.64**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:09	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 01:39	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 01:39	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 01:39	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 01:39	1
Zinc	**18.8**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 01:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1 F2	0.200	0.166	ug/L		02/09/26 08:31	02/09/26 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:14	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:16	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.196**		0.100	0.0100	mg/L			01/31/26 20:00	1
Nitrate as N (SM Nitrate by calc)	**0.196**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**24.1**	**F1 F2**	5.00	1.40	mg/L			02/06/26 11:19	1

Client Sample ID: 822-SW-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 23:12	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 23:12	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 23:12	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 23:12	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 23:12	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 23:12	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 23:12	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 23:12	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 23:12	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 23:12	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 23:12	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 23:12	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 23:12	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 23:12	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 23:12	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 23:12	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 23:12	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 23:12	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 23:12	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 23:12	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 23:12	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 23:12	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 23:12	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 23:12	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 23:12	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 23:12	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 23:12	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 23:12	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 23:12	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 23:12	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 23:12	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 23:12	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 23:12	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 23:12	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 23:12	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 23:12	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 23:12	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 23:12	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 23:12	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 23:12	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 23:12	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 23:12	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 23:12	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 23:12	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 23:12	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 23:12	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 23:12	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 23:12	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 23:12	1

Client Sample ID: 822-SW-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-2
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		1.00	0.270	ug/L			02/07/26 23:12	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 23:12	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 23:12	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 23:12	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 23:12	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 23:12	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 23:12	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 23:12	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 23:12	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 23:12	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 23:12	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 23:12	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 23:12	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 23:12	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 23:12	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 23:12	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 23:12	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 23:12	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 23:12	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 23:12	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 23:12	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 23:12	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 23:12*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/07/26 23:12*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/07/26 23:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/31/26 14:24	02/04/26 03:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*75*		*40 - 150*	*01/31/26 14:24*	*02/04/26 03:00*	*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	0.423	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		02/03/26 10:23	02/09/26 14:19	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		02/03/26 10:23	02/09/26 14:19	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		02/03/26 10:23	02/09/26 14:19	1
2-Chlorophenol	ND		10.1	0.846	ug/L		02/03/26 10:23	02/09/26 14:19	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		02/03/26 10:23	02/09/26 14:19	1
2-Methylphenol	ND		10.1	0.765	ug/L		02/03/26 10:23	02/09/26 14:19	1

Client Sample ID: 822-SW-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		02/03/26 10:23	02/09/26 14:19	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/03/26 10:23	02/09/26 14:19	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		02/03/26 10:23	02/09/26 14:19	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		02/03/26 10:23	02/09/26 14:19	1
3-Nitroaniline	ND		10.1	0.956	ug/L		02/03/26 10:23	02/09/26 14:19	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		02/03/26 10:23	02/09/26 14:19	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/03/26 10:23	02/09/26 14:19	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		02/03/26 10:23	02/09/26 14:19	1
4-Chloroaniline	ND		10.1	0.584	ug/L		02/03/26 10:23	02/09/26 14:19	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/03/26 10:23	02/09/26 14:19	1
4-Nitroaniline	ND		10.1	3.52	ug/L		02/03/26 10:23	02/09/26 14:19	1
4-Nitrophenol	ND		10.1	2.76	ug/L		02/03/26 10:23	02/09/26 14:19	1
Acenaphthene	ND		10.1	0.634	ug/L		02/03/26 10:23	02/09/26 14:19	1
Acenaphthylene	ND		10.1	0.765	ug/L		02/03/26 10:23	02/09/26 14:19	1
Acetophenone	ND		10.1	3.22	ug/L		02/03/26 10:23	02/09/26 14:19	1
Anthracene	ND		10.1	0.916	ug/L		02/03/26 10:23	02/09/26 14:19	1
Atrazine	ND		10.1	1.14	ug/L		02/03/26 10:23	02/09/26 14:19	1
Benzaldehyde	ND		10.1	0.674	ug/L		02/03/26 10:23	02/09/26 14:19	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/03/26 10:23	02/09/26 14:19	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/03/26 10:23	02/09/26 14:19	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/03/26 10:23	02/09/26 14:19	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		02/03/26 10:23	02/09/26 14:19	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		02/03/26 10:23	02/09/26 14:19	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		02/03/26 10:23	02/09/26 14:19	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		02/03/26 10:23	02/09/26 14:19	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		02/03/26 10:23	02/09/26 14:19	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		02/03/26 10:23	02/09/26 14:19	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		02/03/26 10:23	02/09/26 14:19	1
Caprolactam	ND		10.1	2.42	ug/L		02/03/26 10:23	02/09/26 14:19	1
Carbazole	ND		10.1	0.322	ug/L		02/03/26 10:23	02/09/26 14:19	1
Chrysene	ND		10.1	1.21	ug/L		02/03/26 10:23	02/09/26 14:19	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/03/26 10:23	02/09/26 14:19	1
Dibenzofuran	ND		10.1	0.644	ug/L		02/03/26 10:23	02/09/26 14:19	1
Diethyl phthalate	ND		10.1	4.03	ug/L		02/03/26 10:23	02/09/26 14:19	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		02/03/26 10:23	02/09/26 14:19	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		02/03/26 10:23	02/09/26 14:19	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		02/03/26 10:23	02/09/26 14:19	1
Fluoranthene	ND		10.1	0.634	ug/L		02/03/26 10:23	02/09/26 14:19	1
Fluorene	ND		10.1	0.674	ug/L		02/03/26 10:23	02/09/26 14:19	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		02/03/26 10:23	02/09/26 14:19	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		02/03/26 10:23	02/09/26 14:19	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		02/03/26 10:23	02/09/26 14:19	1
Hexachloroethane	ND		10.1	0.534	ug/L		02/03/26 10:23	02/09/26 14:19	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/03/26 10:23	02/09/26 14:19	1
Isophorone	ND		10.1	0.805	ug/L		02/03/26 10:23	02/09/26 14:19	1
Naphthalene	ND		10.1	0.755	ug/L		02/03/26 10:23	02/09/26 14:19	1
Nitrobenzene	ND		10.1	0.604	ug/L		02/03/26 10:23	02/09/26 14:19	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		02/03/26 10:23	02/09/26 14:19	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		02/03/26 10:23	02/09/26 14:19	1

Client Sample ID: 822-SW-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.82	ug/L		02/03/26 10:23	02/09/26 14:19	1
Phenanthrene	ND		10.1	0.745	ug/L		02/03/26 10:23	02/09/26 14:19	1
Phenol	ND		10.1	0.685	ug/L		02/03/26 10:23	02/09/26 14:19	1
Pyrene	ND		10.1	0.634	ug/L		02/03/26 10:23	02/09/26 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 150*	*02/03/26 10:23*	*02/09/26 14:19*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*02/03/26 10:23*	*02/09/26 14:19*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*02/03/26 10:23*	*02/09/26 14:19*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 150*	*02/03/26 10:23*	*02/09/26 14:19*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*02/03/26 10:23*	*02/09/26 14:19*	*1*
Terphenyl-d14 (Surr)	*49*		*28 - 150*	*02/03/26 10:23*	*02/09/26 14:19*	*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		02/02/26 14:42	02/06/26 00:45	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 00:45	1
Barium	**69.1**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 00:45	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 00:45	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 00:45	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 00:45	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 00:45	1
Copper	**2.40**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 00:45	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 00:45	1
Manganese	**92.9**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 00:45	1
Nickel	ND		5.00	0.422	ug/L		02/02/26 14:42	02/06/26 00:45	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 00:45	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 00:45	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 00:45	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 00:45	1
Zinc	**14.1**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 00:45	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		02/09/26 08:31	02/09/26 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:15	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:17	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.234**		0.100	0.0100	mg/L			01/31/26 20:02	1
Nitrate as N (SM Nitrate by calc)	**0.234**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**25.0**		5.00	1.40	mg/L			02/06/26 11:20	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 23:37	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 23:37	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 23:37	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 23:37	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 23:37	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 23:37	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 23:37	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 23:37	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 23:37	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 23:37	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 23:37	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 23:37	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 23:37	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 23:37	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 23:37	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 23:37	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 23:37	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 23:37	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 23:37	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 23:37	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 23:37	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 23:37	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 23:37	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 23:37	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 23:37	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 23:37	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 23:37	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 23:37	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 23:37	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 23:37	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 23:37	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 23:37	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 23:37	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 23:37	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 23:37	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 23:37	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 23:37	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 23:37	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 23:37	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 23:37	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 23:37	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 23:37	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 23:37	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 23:37	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 23:37	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 23:37	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 23:37	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 23:37	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 23:37	1

Client Sample ID: 822-SW-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-3
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		1.00	0.270	ug/L			02/07/26 23:37	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 23:37	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 23:37	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 23:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 23:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 23:37	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 23:37	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 23:37	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 23:37	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 23:37	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 23:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 23:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 23:37	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 23:37	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 23:37	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 23:37	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 23:37	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 23:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 23:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 23:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 23:37	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 23:37	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 23:37	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*70 - 126*		*02/07/26 23:37*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/07/26 23:37*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 23:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.304	0.304	ug/L		01/31/26 14:24	02/04/26 03:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*83*		*40 - 150*	*01/31/26 14:24*	*02/04/26 03:30*	*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		9.97	0.419	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		02/03/26 10:23	02/09/26 14:51	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		02/03/26 10:23	02/09/26 14:51	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		02/03/26 10:23	02/09/26 14:51	1
2-Chlorophenol	ND		9.97	0.837	ug/L		02/03/26 10:23	02/09/26 14:51	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		02/03/26 10:23	02/09/26 14:51	1
2-Methylphenol	ND		9.97	0.757	ug/L		02/03/26 10:23	02/09/26 14:51	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		02/03/26 10:23	02/09/26 14:51	1
2-Nitrophenol	ND		9.97	1.17	ug/L		02/03/26 10:23	02/09/26 14:51	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		02/03/26 10:23	02/09/26 14:51	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		02/03/26 10:23	02/09/26 14:51	1
3-Nitroaniline	ND		9.97	0.947	ug/L		02/03/26 10:23	02/09/26 14:51	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		02/03/26 10:23	02/09/26 14:51	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		02/03/26 10:23	02/09/26 14:51	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		02/03/26 10:23	02/09/26 14:51	1
4-Chloroaniline	ND		9.97	0.578	ug/L		02/03/26 10:23	02/09/26 14:51	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		02/03/26 10:23	02/09/26 14:51	1
4-Nitroaniline	ND		9.97	3.49	ug/L		02/03/26 10:23	02/09/26 14:51	1
4-Nitrophenol	ND		9.97	2.73	ug/L		02/03/26 10:23	02/09/26 14:51	1
Acenaphthene	ND		9.97	0.628	ug/L		02/03/26 10:23	02/09/26 14:51	1
Acenaphthylene	ND		9.97	0.757	ug/L		02/03/26 10:23	02/09/26 14:51	1
Acetophenone	ND		9.97	3.19	ug/L		02/03/26 10:23	02/09/26 14:51	1
Anthracene	ND		9.97	0.907	ug/L		02/03/26 10:23	02/09/26 14:51	1
Atrazine	ND		9.97	1.13	ug/L		02/03/26 10:23	02/09/26 14:51	1
Benzaldehyde	ND		9.97	0.668	ug/L		02/03/26 10:23	02/09/26 14:51	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		02/03/26 10:23	02/09/26 14:51	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		02/03/26 10:23	02/09/26 14:51	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		02/03/26 10:23	02/09/26 14:51	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		02/03/26 10:23	02/09/26 14:51	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		02/03/26 10:23	02/09/26 14:51	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		02/03/26 10:23	02/09/26 14:51	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		02/03/26 10:23	02/09/26 14:51	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		02/03/26 10:23	02/09/26 14:51	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		02/03/26 10:23	02/09/26 14:51	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:23	02/09/26 14:51	1
Caprolactam	ND		9.97	2.39	ug/L		02/03/26 10:23	02/09/26 14:51	1
Carbazole	ND		9.97	0.319	ug/L		02/03/26 10:23	02/09/26 14:51	1
Chrysene	ND		9.97	1.20	ug/L		02/03/26 10:23	02/09/26 14:51	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		02/03/26 10:23	02/09/26 14:51	1
Dibenzofuran	ND		9.97	0.638	ug/L		02/03/26 10:23	02/09/26 14:51	1
Diethyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:23	02/09/26 14:51	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:23	02/09/26 14:51	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		02/03/26 10:23	02/09/26 14:51	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:23	02/09/26 14:51	1
Fluoranthene	ND		9.97	0.628	ug/L		02/03/26 10:23	02/09/26 14:51	1
Fluorene	ND		9.97	0.668	ug/L		02/03/26 10:23	02/09/26 14:51	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		02/03/26 10:23	02/09/26 14:51	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		02/03/26 10:23	02/09/26 14:51	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		02/03/26 10:23	02/09/26 14:51	1
Hexachloroethane	ND		9.97	0.528	ug/L		02/03/26 10:23	02/09/26 14:51	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		02/03/26 10:23	02/09/26 14:51	1
Isophorone	ND		9.97	0.797	ug/L		02/03/26 10:23	02/09/26 14:51	1
Naphthalene	ND		9.97	0.748	ug/L		02/03/26 10:23	02/09/26 14:51	1
Nitrobenzene	ND		9.97	0.598	ug/L		02/03/26 10:23	02/09/26 14:51	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		02/03/26 10:23	02/09/26 14:51	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		02/03/26 10:23	02/09/26 14:51	1

Client Sample ID: 822-SW-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		02/03/26 10:23	02/09/26 14:51	1
Phenanthrene	ND		9.97	0.738	ug/L		02/03/26 10:23	02/09/26 14:51	1
Phenol	ND		9.97	0.678	ug/L		02/03/26 10:23	02/09/26 14:51	1
Pyrene	ND		9.97	0.628	ug/L		02/03/26 10:23	02/09/26 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 150*	*02/03/26 10:23*	*02/09/26 14:51*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*02/03/26 10:23*	*02/09/26 14:51*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 150*	*02/03/26 10:23*	*02/09/26 14:51*	*1*
Nitrobenzene-d5 (Surr)	*61*		*22 - 150*	*02/03/26 10:23*	*02/09/26 14:51*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*02/03/26 10:23*	*02/09/26 14:51*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*02/03/26 10:23*	*02/09/26 14:51*	*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		02/02/26 14:42	02/06/26 01:42	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 01:42	1
Barium	**63.3**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 01:42	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 01:42	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 01:42	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 01:42	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 01:42	1
Copper	**2.97**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 19:11	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 01:42	1
Manganese	**83.9**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 01:42	1
Nickel	**1.03**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:11	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 01:42	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 01:42	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 01:42	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 01:42	1
Zinc	**10.5**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 01:42	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		02/09/26 08:31	02/09/26 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:20	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:18	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.114**		0.100	0.0100	mg/L			01/31/26 20:04	1
Nitrate as N (SM Nitrate by calc)	**0.114**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**24.8**		5.00	1.40	mg/L			02/06/26 11:21	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/08/26 00:02	1
Benzene	ND		1.00	0.200	ug/L			02/08/26 00:02	1
Bromobenzene	ND		1.00	0.222	ug/L			02/08/26 00:02	1
Bromoform	ND		1.00	0.458	ug/L			02/08/26 00:02	1
Bromomethane	ND		1.00	0.470	ug/L			02/08/26 00:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/08/26 00:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/08/26 00:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/08/26 00:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/08/26 00:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/08/26 00:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/08/26 00:02	1
Chloroethane	ND		1.00	0.374	ug/L			02/08/26 00:02	1
Chloroform	ND		1.00	0.216	ug/L			02/08/26 00:02	1
Chloromethane	ND		1.00	0.371	ug/L			02/08/26 00:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/08/26 00:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/08/26 00:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/08/26 00:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/08/26 00:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/08/26 00:02	1
Dibromomethane	ND		1.00	0.318	ug/L			02/08/26 00:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 00:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/08/26 00:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 00:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/08/26 00:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/08/26 00:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/08/26 00:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/08/26 00:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/08/26 00:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/08/26 00:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/08/26 00:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/08/26 00:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/08/26 00:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/08/26 00:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/08/26 00:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/08/26 00:02	1
Hexane	ND		10.0	3.63	ug/L			02/08/26 00:02	1
2-Hexanone	ND		10.0	3.47	ug/L			02/08/26 00:02	1
Iodomethane	ND		2.00	0.403	ug/L			02/08/26 00:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/08/26 00:02	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/08/26 00:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/08/26 00:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/08/26 00:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/08/26 00:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/08/26 00:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/08/26 00:02	1
Naphthalene	ND		2.00	1.56	ug/L			02/08/26 00:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/08/26 00:02	1
n-Heptane	ND		10.0	3.05	ug/L			02/08/26 00:02	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/08/26 00:02	1

Client Sample ID: 822-SW-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-4
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		1.00	0.270	ug/L			02/08/26 00:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/08/26 00:02	1
Styrene	ND		1.00	0.194	ug/L			02/08/26 00:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/08/26 00:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/08/26 00:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/08/26 00:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/08/26 00:02	1
Toluene	ND		1.00	0.197	ug/L			02/08/26 00:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/08/26 00:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/08/26 00:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/08/26 00:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/08/26 00:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/08/26 00:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/08/26 00:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/08/26 00:02	1
Trichloroethene	ND		1.00	0.211	ug/L			02/08/26 00:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/08/26 00:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/08/26 00:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/08/26 00:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/08/26 00:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/08/26 00:02	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/08/26 00:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/08/26 00:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/08/26 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/08/26 00:02*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*02/08/26 00:02*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/08/26 00:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/31/26 14:24	02/04/26 04:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*78*		*40 - 150*	*01/31/26 14:24*	*02/04/26 04:00*	*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		10.0	0.421	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		02/03/26 10:23	02/09/26 15:23	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		02/03/26 10:23	02/09/26 15:23	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		02/03/26 10:23	02/09/26 15:23	1
2-Chlorophenol	ND		10.0	0.843	ug/L		02/03/26 10:23	02/09/26 15:23	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		02/03/26 10:23	02/09/26 15:23	1
2-Methylphenol	ND		10.0	0.763	ug/L		02/03/26 10:23	02/09/26 15:23	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		02/03/26 10:23	02/09/26 15:23	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/03/26 10:23	02/09/26 15:23	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		02/03/26 10:23	02/09/26 15:23	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		02/03/26 10:23	02/09/26 15:23	1
3-Nitroaniline	ND		10.0	0.953	ug/L		02/03/26 10:23	02/09/26 15:23	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		02/03/26 10:23	02/09/26 15:23	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/03/26 10:23	02/09/26 15:23	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		02/03/26 10:23	02/09/26 15:23	1
4-Chloroaniline	ND		10.0	0.582	ug/L		02/03/26 10:23	02/09/26 15:23	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		02/03/26 10:23	02/09/26 15:23	1
4-Nitroaniline	ND		10.0	3.51	ug/L		02/03/26 10:23	02/09/26 15:23	1
4-Nitrophenol	ND		10.0	2.75	ug/L		02/03/26 10:23	02/09/26 15:23	1
Acenaphthene	ND		10.0	0.632	ug/L		02/03/26 10:23	02/09/26 15:23	1
Acenaphthylene	ND		10.0	0.763	ug/L		02/03/26 10:23	02/09/26 15:23	1
Acetophenone	ND		10.0	3.21	ug/L		02/03/26 10:23	02/09/26 15:23	1
Anthracene	ND		10.0	0.913	ug/L		02/03/26 10:23	02/09/26 15:23	1
Atrazine	ND		10.0	1.13	ug/L		02/03/26 10:23	02/09/26 15:23	1
Benzaldehyde	ND		10.0	0.672	ug/L		02/03/26 10:23	02/09/26 15:23	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/03/26 10:23	02/09/26 15:23	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/09/26 15:23	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/09/26 15:23	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		02/03/26 10:23	02/09/26 15:23	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		02/03/26 10:23	02/09/26 15:23	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		02/03/26 10:23	02/09/26 15:23	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		02/03/26 10:23	02/09/26 15:23	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		02/03/26 10:23	02/09/26 15:23	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		02/03/26 10:23	02/09/26 15:23	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		02/03/26 10:23	02/09/26 15:23	1
Caprolactam	ND		10.0	2.41	ug/L		02/03/26 10:23	02/09/26 15:23	1
Carbazole	ND		10.0	0.321	ug/L		02/03/26 10:23	02/09/26 15:23	1
Chrysene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/09/26 15:23	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/03/26 10:23	02/09/26 15:23	1
Dibenzofuran	ND		10.0	0.642	ug/L		02/03/26 10:23	02/09/26 15:23	1
Diethyl phthalate	ND		10.0	4.01	ug/L		02/03/26 10:23	02/09/26 15:23	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		02/03/26 10:23	02/09/26 15:23	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		02/03/26 10:23	02/09/26 15:23	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		02/03/26 10:23	02/09/26 15:23	1
Fluoranthene	ND		10.0	0.632	ug/L		02/03/26 10:23	02/09/26 15:23	1
Fluorene	ND		10.0	0.672	ug/L		02/03/26 10:23	02/09/26 15:23	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		02/03/26 10:23	02/09/26 15:23	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		02/03/26 10:23	02/09/26 15:23	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		02/03/26 10:23	02/09/26 15:23	1
Hexachloroethane	ND		10.0	0.532	ug/L		02/03/26 10:23	02/09/26 15:23	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/09/26 15:23	1
Isophorone	ND		10.0	0.803	ug/L		02/03/26 10:23	02/09/26 15:23	1
Naphthalene	ND		10.0	0.753	ug/L		02/03/26 10:23	02/09/26 15:23	1
Nitrobenzene	ND		10.0	0.602	ug/L		02/03/26 10:23	02/09/26 15:23	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		02/03/26 10:23	02/09/26 15:23	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		02/03/26 10:23	02/09/26 15:23	1

Client Sample ID: 822-SW-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.81	ug/L		02/03/26 10:23	02/09/26 15:23	1
Phenanthrene	ND		10.0	0.742	ug/L		02/03/26 10:23	02/09/26 15:23	1
Phenol	ND		10.0	0.682	ug/L		02/03/26 10:23	02/09/26 15:23	1
Pyrene	ND		10.0	0.632	ug/L		02/03/26 10:23	02/09/26 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 150*	*02/03/26 10:23*	*02/09/26 15:23*	*1*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*	*02/03/26 10:23*	*02/09/26 15:23*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*02/03/26 10:23*	*02/09/26 15:23*	*1*
Nitrobenzene-d5 (Surr)	*59*		*22 - 150*	*02/03/26 10:23*	*02/09/26 15:23*	*1*
Phenol-d5 (Surr)	*69*		*10 - 150*	*02/03/26 10:23*	*02/09/26 15:23*	*1*
Terphenyl-d14 (Surr)	*49*		*28 - 150*	*02/03/26 10:23*	*02/09/26 15:23*	*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		02/02/26 14:42	02/06/26 01:44	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 01:44	1
Barium	**70.3**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 01:44	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 01:44	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 01:44	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 01:44	1
Cobalt	**0.421**	**J**	5.00	0.411	ug/L		02/02/26 14:42	02/06/26 01:44	1
Copper	**5.10**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 01:44	1
Lead	**4.95**		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 01:44	1
Manganese	**114**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 01:44	1
Nickel	**1.65**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:14	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 01:44	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 01:44	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 01:44	1
Vanadium	**1.28**	**J**	5.00	1.22	ug/L		02/02/26 14:42	02/06/26 01:44	1
Zinc	**22.4**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 01:44	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		02/09/26 08:31	02/09/26 13:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:26	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:19	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.121**		0.100	0.0100	mg/L			01/31/26 20:07	1
Nitrate as N (SM Nitrate by calc)	**0.121**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**21.3**		5.00	1.40	mg/L			02/06/26 11:21	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-Dup
Date Collected: 01/29/26 00:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/08/26 00:27	1
Benzene	ND		1.00	0.200	ug/L			02/08/26 00:27	1
Bromobenzene	ND		1.00	0.222	ug/L			02/08/26 00:27	1
Bromoform	ND		1.00	0.458	ug/L			02/08/26 00:27	1
Bromomethane	ND		1.00	0.470	ug/L			02/08/26 00:27	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/08/26 00:27	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/08/26 00:27	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/08/26 00:27	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/08/26 00:27	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/08/26 00:27	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/08/26 00:27	1
Chloroethane	ND		1.00	0.374	ug/L			02/08/26 00:27	1
Chloroform	ND		1.00	0.216	ug/L			02/08/26 00:27	1
Chloromethane	ND		1.00	0.371	ug/L			02/08/26 00:27	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/08/26 00:27	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/08/26 00:27	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/08/26 00:27	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/08/26 00:27	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/08/26 00:27	1
Dibromomethane	ND		1.00	0.318	ug/L			02/08/26 00:27	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 00:27	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/08/26 00:27	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 00:27	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/08/26 00:27	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/08/26 00:27	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/08/26 00:27	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/08/26 00:27	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/08/26 00:27	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/08/26 00:27	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/08/26 00:27	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/08/26 00:27	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/08/26 00:27	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/08/26 00:27	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/08/26 00:27	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/08/26 00:27	1
Hexane	ND		10.0	3.63	ug/L			02/08/26 00:27	1
2-Hexanone	ND		10.0	3.47	ug/L			02/08/26 00:27	1
Iodomethane	ND		2.00	0.403	ug/L			02/08/26 00:27	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/08/26 00:27	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/08/26 00:27	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/08/26 00:27	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/08/26 00:27	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/08/26 00:27	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/08/26 00:27	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/08/26 00:27	1
Naphthalene	ND		2.00	1.56	ug/L			02/08/26 00:27	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/08/26 00:27	1
n-Heptane	ND		10.0	3.05	ug/L			02/08/26 00:27	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/08/26 00:27	1

Client Sample ID: 822-SW-Dup
Date Collected: 01/29/26 00:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-5
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		1.00	0.270	ug/L			02/08/26 00:27	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/08/26 00:27	1
Styrene	ND		1.00	0.194	ug/L			02/08/26 00:27	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/08/26 00:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/08/26 00:27	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/08/26 00:27	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/08/26 00:27	1
Toluene	ND		1.00	0.197	ug/L			02/08/26 00:27	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/08/26 00:27	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/08/26 00:27	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/08/26 00:27	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/08/26 00:27	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/08/26 00:27	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/08/26 00:27	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/08/26 00:27	1
Trichloroethene	ND		1.00	0.211	ug/L			02/08/26 00:27	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/08/26 00:27	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/08/26 00:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/08/26 00:27	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/08/26 00:27	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/08/26 00:27	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/08/26 00:27	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/08/26 00:27	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/08/26 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/08/26 00:27*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*02/08/26 00:27*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/08/26 00:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.291	0.291	ug/L		01/31/26 14:24	02/04/26 04:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*74*		*40 - 150*	*01/31/26 14:24*	*02/04/26 04:31*	*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		9.90	0.416	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		02/03/26 10:37	02/09/26 15:55	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		02/03/26 10:37	02/09/26 15:55	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		02/03/26 10:37	02/09/26 15:55	1
2-Chlorophenol	ND		9.90	0.832	ug/L		02/03/26 10:37	02/09/26 15:55	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		02/03/26 10:37	02/09/26 15:55	1
2-Methylphenol	ND		9.90	0.752	ug/L		02/03/26 10:37	02/09/26 15:55	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-Dup
Date Collected: 01/29/26 00:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.90	1.36	ug/L		02/03/26 10:37	02/09/26 15:55	1
2-Nitrophenol	ND		9.90	1.16	ug/L		02/03/26 10:37	02/09/26 15:55	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		02/03/26 10:37	02/09/26 15:55	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		02/03/26 10:37	02/09/26 15:55	1
3-Nitroaniline	ND		9.90	0.941	ug/L		02/03/26 10:37	02/09/26 15:55	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		02/03/26 10:37	02/09/26 15:55	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		02/03/26 10:37	02/09/26 15:55	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		02/03/26 10:37	02/09/26 15:55	1
4-Chloroaniline	ND		9.90	0.574	ug/L		02/03/26 10:37	02/09/26 15:55	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		02/03/26 10:37	02/09/26 15:55	1
4-Nitroaniline	ND		9.90	3.47	ug/L		02/03/26 10:37	02/09/26 15:55	1
4-Nitrophenol	ND		9.90	2.71	ug/L		02/03/26 10:37	02/09/26 15:55	1
Acenaphthene	ND		9.90	0.624	ug/L		02/03/26 10:37	02/09/26 15:55	1
Acenaphthylene	ND		9.90	0.752	ug/L		02/03/26 10:37	02/09/26 15:55	1
Acetophenone	ND		9.90	3.17	ug/L		02/03/26 10:37	02/09/26 15:55	1
Anthracene	ND		9.90	0.901	ug/L		02/03/26 10:37	02/09/26 15:55	1
Atrazine	ND		9.90	1.12	ug/L		02/03/26 10:37	02/09/26 15:55	1
Benzaldehyde	ND		9.90	0.663	ug/L		02/03/26 10:37	02/09/26 15:55	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		02/03/26 10:37	02/09/26 15:55	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		02/03/26 10:37	02/09/26 15:55	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		02/03/26 10:37	02/09/26 15:55	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		02/03/26 10:37	02/09/26 15:55	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		02/03/26 10:37	02/09/26 15:55	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		02/03/26 10:37	02/09/26 15:55	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		02/03/26 10:37	02/09/26 15:55	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		02/03/26 10:37	02/09/26 15:55	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 15:55	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 15:55	1
Caprolactam	ND		9.90	2.38	ug/L		02/03/26 10:37	02/09/26 15:55	1
Carbazole	ND		9.90	0.317	ug/L		02/03/26 10:37	02/09/26 15:55	1
Chrysene	ND		9.90	1.19	ug/L		02/03/26 10:37	02/09/26 15:55	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		02/03/26 10:37	02/09/26 15:55	1
Dibenzofuran	ND		9.90	0.634	ug/L		02/03/26 10:37	02/09/26 15:55	1
Diethyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 15:55	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 15:55	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		02/03/26 10:37	02/09/26 15:55	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 15:55	1
Fluoranthene	ND		9.90	0.624	ug/L		02/03/26 10:37	02/09/26 15:55	1
Fluorene	ND		9.90	0.663	ug/L		02/03/26 10:37	02/09/26 15:55	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		02/03/26 10:37	02/09/26 15:55	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		02/03/26 10:37	02/09/26 15:55	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		02/03/26 10:37	02/09/26 15:55	1
Hexachloroethane	ND		9.90	0.525	ug/L		02/03/26 10:37	02/09/26 15:55	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		02/03/26 10:37	02/09/26 15:55	1
Isophorone	ND		9.90	0.792	ug/L		02/03/26 10:37	02/09/26 15:55	1
Naphthalene	ND		9.90	0.743	ug/L		02/03/26 10:37	02/09/26 15:55	1
Nitrobenzene	ND		9.90	0.594	ug/L		02/03/26 10:37	02/09/26 15:55	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		02/03/26 10:37	02/09/26 15:55	1
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		02/03/26 10:37	02/09/26 15:55	1

Client Sample ID: 822-SW-Dup
Date Collected: 01/29/26 00:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.90	2.77	ug/L		02/03/26 10:37	02/09/26 15:55	1
Phenanthrene	ND		9.90	0.733	ug/L		02/03/26 10:37	02/09/26 15:55	1
Phenol	ND		9.90	0.673	ug/L		02/03/26 10:37	02/09/26 15:55	1
Pyrene	ND		9.90	0.624	ug/L		02/03/26 10:37	02/09/26 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 150*	*02/03/26 10:37*	*02/09/26 15:55*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*02/03/26 10:37*	*02/09/26 15:55*	*1*
2-Fluorophenol (Surr)	*55*		*10 - 150*	*02/03/26 10:37*	*02/09/26 15:55*	*1*
Nitrobenzene-d5 (Surr)	*57*		*22 - 150*	*02/03/26 10:37*	*02/09/26 15:55*	*1*
Phenol-d5 (Surr)	*54*		*10 - 150*	*02/03/26 10:37*	*02/09/26 15:55*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*02/03/26 10:37*	*02/09/26 15:55*	*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		02/02/26 14:42	02/06/26 01:47	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 01:47	1
Barium	**61.1**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 01:47	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 01:47	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 01:47	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 01:47	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 01:47	1
Copper	**2.98**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 01:47	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 01:47	1
Manganese	**64.2**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 01:47	1
Nickel	**1.06**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:17	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 01:47	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 01:47	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 01:47	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 01:47	1
Zinc	**11.0**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 19:17	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		02/09/26 08:31	02/09/26 13:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:27	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.122**		0.100	0.0100	mg/L			01/31/26 20:13	1
Nitrate as N (SM Nitrate by calc)	**0.122**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**25.7**		5.00	1.40	mg/L			02/06/26 11:22	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 16:32	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 16:32	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 16:32	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 16:32	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 16:32	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 16:32	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 16:32	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 16:32	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 16:32	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 16:32	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 16:32	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 16:32	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 16:32	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 16:32	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 16:32	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 16:32	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 16:32	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 16:32	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 16:32	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 16:32	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 16:32	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 16:32	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 16:32	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 16:32	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 16:32	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 16:32	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 16:32	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 16:32	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 16:32	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 16:32	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 16:32	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 16:32	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 16:32	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 16:32	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 16:32	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 16:32	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 16:32	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 16:32	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 16:32	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 16:32	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 16:32	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 16:32	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 16:32	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 16:32	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 16:32	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 16:32	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 16:32	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 16:32	1

Client Sample ID: 822-SW-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-6
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		1.00	0.270	ug/L			02/07/26 16:32	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 16:32	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 16:32	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 16:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 16:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 16:32	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 16:32	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 16:32	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 16:32	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 16:32	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 16:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 16:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 16:32	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 16:32	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 16:32	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 16:32	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 16:32	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 16:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 16:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 16:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 16:32	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 16:32	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 16:32	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 16:32*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 16:32*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 16:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		01/31/26 14:24	02/04/26 05:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*84*		*40 - 150*	*01/31/26 14:24*	*02/04/26 05:01*	*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		02/03/26 10:37	02/09/26 16:27	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		02/03/26 10:37	02/09/26 16:27	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		02/03/26 10:37	02/09/26 16:27	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		02/03/26 10:37	02/09/26 16:27	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		02/03/26 10:37	02/09/26 16:27	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		02/03/26 10:37	02/09/26 16:27	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		02/03/26 10:37	02/09/26 16:27	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		02/03/26 10:37	02/09/26 16:27	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		02/03/26 10:37	02/09/26 16:27	1
2-Chlorophenol	ND		9.93	0.834	ug/L		02/03/26 10:37	02/09/26 16:27	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		02/03/26 10:37	02/09/26 16:27	1
2-Methylphenol	ND		9.93	0.755	ug/L		02/03/26 10:37	02/09/26 16:27	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.93	1.36	ug/L		02/03/26 10:37	02/09/26 16:27	1
2-Nitrophenol	ND		9.93	1.16	ug/L		02/03/26 10:37	02/09/26 16:27	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		02/03/26 10:37	02/09/26 16:27	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		02/03/26 10:37	02/09/26 16:27	1
3-Nitroaniline	ND		9.93	0.944	ug/L		02/03/26 10:37	02/09/26 16:27	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		02/03/26 10:37	02/09/26 16:27	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		02/03/26 10:37	02/09/26 16:27	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		02/03/26 10:37	02/09/26 16:27	1
4-Chloroaniline	ND		9.93	0.576	ug/L		02/03/26 10:37	02/09/26 16:27	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		02/03/26 10:37	02/09/26 16:27	1
4-Nitroaniline	ND		9.93	3.48	ug/L		02/03/26 10:37	02/09/26 16:27	1
4-Nitrophenol	ND		9.93	2.72	ug/L		02/03/26 10:37	02/09/26 16:27	1
Acenaphthene	ND		9.93	0.626	ug/L		02/03/26 10:37	02/09/26 16:27	1
Acenaphthylene	ND		9.93	0.755	ug/L		02/03/26 10:37	02/09/26 16:27	1
Acetophenone	ND		9.93	3.18	ug/L		02/03/26 10:37	02/09/26 16:27	1
Anthracene	ND		9.93	0.904	ug/L		02/03/26 10:37	02/09/26 16:27	1
Atrazine	ND		9.93	1.12	ug/L		02/03/26 10:37	02/09/26 16:27	1
Benzaldehyde	ND		9.93	0.666	ug/L		02/03/26 10:37	02/09/26 16:27	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		02/03/26 10:37	02/09/26 16:27	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		02/03/26 10:37	02/09/26 16:27	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		02/03/26 10:37	02/09/26 16:27	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		02/03/26 10:37	02/09/26 16:27	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		02/03/26 10:37	02/09/26 16:27	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		02/03/26 10:37	02/09/26 16:27	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		02/03/26 10:37	02/09/26 16:27	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		02/03/26 10:37	02/09/26 16:27	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		02/03/26 10:37	02/09/26 16:27	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		02/03/26 10:37	02/09/26 16:27	1
Caprolactam	ND		9.93	2.38	ug/L		02/03/26 10:37	02/09/26 16:27	1
Carbazole	ND		9.93	0.318	ug/L		02/03/26 10:37	02/09/26 16:27	1
Chrysene	ND		9.93	1.19	ug/L		02/03/26 10:37	02/09/26 16:27	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		02/03/26 10:37	02/09/26 16:27	1
Dibenzofuran	ND		9.93	0.636	ug/L		02/03/26 10:37	02/09/26 16:27	1
Diethyl phthalate	ND		9.93	3.97	ug/L		02/03/26 10:37	02/09/26 16:27	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		02/03/26 10:37	02/09/26 16:27	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		02/03/26 10:37	02/09/26 16:27	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		02/03/26 10:37	02/09/26 16:27	1
Fluoranthene	ND		9.93	0.626	ug/L		02/03/26 10:37	02/09/26 16:27	1
Fluorene	ND		9.93	0.666	ug/L		02/03/26 10:37	02/09/26 16:27	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		02/03/26 10:37	02/09/26 16:27	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		02/03/26 10:37	02/09/26 16:27	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		02/03/26 10:37	02/09/26 16:27	1
Hexachloroethane	ND		9.93	0.526	ug/L		02/03/26 10:37	02/09/26 16:27	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		02/03/26 10:37	02/09/26 16:27	1
Isophorone	ND		9.93	0.795	ug/L		02/03/26 10:37	02/09/26 16:27	1
Naphthalene	ND		9.93	0.745	ug/L		02/03/26 10:37	02/09/26 16:27	1
Nitrobenzene	ND		9.93	0.596	ug/L		02/03/26 10:37	02/09/26 16:27	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		02/03/26 10:37	02/09/26 16:27	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		02/03/26 10:37	02/09/26 16:27	1

Client Sample ID: 822-SW-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.93	2.78	ug/L		02/03/26 10:37	02/09/26 16:27	1
Phenanthrene	ND		9.93	0.735	ug/L		02/03/26 10:37	02/09/26 16:27	1
Phenol	ND		9.93	0.675	ug/L		02/03/26 10:37	02/09/26 16:27	1
Pyrene	ND		9.93	0.626	ug/L		02/03/26 10:37	02/09/26 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 150*	*02/03/26 10:37*	*02/09/26 16:27*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*02/03/26 10:37*	*02/09/26 16:27*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 150*	*02/03/26 10:37*	*02/09/26 16:27*	*1*
Nitrobenzene-d5 (Surr)	*61*		*22 - 150*	*02/03/26 10:37*	*02/09/26 16:27*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*02/03/26 10:37*	*02/09/26 16:27*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*02/03/26 10:37*	*02/09/26 16:27*	*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		02/02/26 14:42	02/06/26 02:11	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 02:11	1
Barium	**52.1**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 02:11	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 02:11	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 02:11	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 02:11	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 02:11	1
Copper	**3.60**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 02:11	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 02:11	1
Manganese	**48.5**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 02:11	1
Nickel	**0.923**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:19	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 02:11	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 02:11	1
Thallium	**1.00**		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 02:11	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 02:11	1
Zinc	**10.5**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 02:11	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		02/09/26 08:31	02/09/26 13:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:29	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:21	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.125**		0.100	0.0100	mg/L			01/31/26 20:15	1
Nitrate as N (SM Nitrate by calc)	**0.125**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**25.5**		5.00	1.40	mg/L			02/06/26 11:22	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	10.0	4.04	ug/L			02/07/26 17:22	1
Benzene	ND	F1	1.00	0.200	ug/L			02/07/26 17:22	1
Bromobenzene	ND	F1	1.00	0.222	ug/L			02/07/26 17:22	1
Bromoform	ND	F1	1.00	0.458	ug/L			02/07/26 17:22	1
Bromomethane	ND	F1	1.00	0.470	ug/L			02/07/26 17:22	1
2-Butanone (MEK)	ND	F1	10.0	2.81	ug/L			02/07/26 17:22	1
Carbon disulfide	ND	F1	2.00	0.526	ug/L			02/07/26 17:22	1
Carbon tetrachloride	ND	F1	1.00	0.221	ug/L			02/07/26 17:22	1
Chlorobenzene	ND	F1	1.00	0.202	ug/L			02/07/26 17:22	1
Chlorobromomethane	ND	F1	1.00	0.328	ug/L			02/07/26 17:22	1
Chlorodibromomethane	ND	F1	1.00	0.442	ug/L			02/07/26 17:22	1
Chloroethane	ND	F1	1.00	0.374	ug/L			02/07/26 17:22	1
Chloroform	ND	F1	1.00	0.216	ug/L			02/07/26 17:22	1
Chloromethane	ND	F1	1.00	0.371	ug/L			02/07/26 17:22	1
2-Chlorotoluene	ND	F1	1.00	0.228	ug/L			02/07/26 17:22	1
4-Chlorotoluene	ND	F1	1.00	0.212	ug/L			02/07/26 17:22	1
cis-1,2-Dichloroethene	ND	F1	1.00	0.227	ug/L			02/07/26 17:22	1
cis-1,3-Dichloropropene	ND	F1	1.00	0.226	ug/L			02/07/26 17:22	1
1,2-Dibromo-3-Chloropropane	ND	F1	1.00	0.450	ug/L			02/07/26 17:22	1
Dibromomethane	ND	F1	1.00	0.318	ug/L			02/07/26 17:22	1
1,2-Dichlorobenzene	ND	F1	1.00	0.320	ug/L			02/07/26 17:22	1
1,3-Dichlorobenzene	ND	F1	1.00	0.340	ug/L			02/07/26 17:22	1
1,4-Dichlorobenzene	ND	F1	1.00	0.320	ug/L			02/07/26 17:22	1
Dichlorobromomethane	ND	F1	1.00	0.222	ug/L			02/07/26 17:22	1
1,1-Dichloroethane	ND	F1	1.00	0.214	ug/L			02/07/26 17:22	1
1,2-Dichloroethane	ND	F1	1.00	0.212	ug/L			02/07/26 17:22	1
1,1-Dichloroethene	ND	F1	1.00	0.279	ug/L			02/07/26 17:22	1
1,2-Dichloropropane	ND	F1	1.00	0.207	ug/L			02/07/26 17:22	1
1,3-Dichloropropane	ND	F1	1.00	0.206	ug/L			02/07/26 17:22	1
2,2-Dichloropropane	ND	F1	1.00	0.286	ug/L			02/07/26 17:22	1
1,1-Dichloropropene	ND	F1	1.00	0.267	ug/L			02/07/26 17:22	1
Ethyl acetate	ND	F1	10.0	5.93	ug/L			02/07/26 17:22	1
Ethylbenzene	ND	F1	1.00	0.280	ug/L			02/07/26 17:22	1
Ethylene Dibromide	ND	F1	1.00	0.199	ug/L			02/07/26 17:22	1
Hexachlorobutadiene	ND	F1	1.00	0.850	ug/L			02/07/26 17:22	1
Hexane	ND	F1	10.0	3.63	ug/L			02/07/26 17:22	1
2-Hexanone	ND	F1	10.0	3.47	ug/L			02/07/26 17:22	1
Iodomethane	ND	F1	2.00	0.403	ug/L			02/07/26 17:22	1
Isopropylbenzene	ND	F1	1.00	0.269	ug/L			02/07/26 17:22	1
Isopropyl ether	ND	*- F1	5.00	2.84	ug/L			02/07/26 17:22	1
4-Isopropyltoluene	ND	F1	1.00	0.430	ug/L			02/07/26 17:22	1
Methylene Chloride	ND	F1	5.00	2.36	ug/L			02/07/26 17:22	1
4-Methyl-2-pentanone (MIBK)	ND	F1	10.0	3.24	ug/L			02/07/26 17:22	1
Methyl tert-butyl ether	ND	F1	1.00	0.175	ug/L			02/07/26 17:22	1
m-Xylene & p-Xylene	ND	F1	2.00	0.372	ug/L			02/07/26 17:22	1
Naphthalene	ND	F1	2.00	1.56	ug/L			02/07/26 17:22	1
n-Butylbenzene	ND	F1	1.00	0.690	ug/L			02/07/26 17:22	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 17:22	1
N-Propylbenzene	ND	F1	1.00	0.239	ug/L			02/07/26 17:22	1

Client Sample ID: 822-SW-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-7
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	F1	1.00	0.270	ug/L			02/07/26 17:22	1
sec-Butylbenzene	ND	F1	1.00	0.480	ug/L			02/07/26 17:22	1
Styrene	ND	F1	1.00	0.194	ug/L			02/07/26 17:22	1
tert-Butylbenzene	ND	F1	1.00	0.393	ug/L			02/07/26 17:22	1
1,1,1,2-Tetrachloroethane	ND	F1	1.00	0.237	ug/L			02/07/26 17:22	1
1,1,2,2-Tetrachloroethane	ND	F1	1.00	0.231	ug/L			02/07/26 17:22	1
Tetrachloroethene	ND	F1	1.00	0.193	ug/L			02/07/26 17:22	1
Toluene	ND	F1	1.00	0.197	ug/L			02/07/26 17:22	1
trans-1,4-Dichloro-2-butene	ND	F1	10.0	3.81	ug/L			02/07/26 17:22	1
trans-1,2-Dichloroethene	ND	F1	1.00	0.266	ug/L			02/07/26 17:22	1
trans-1,3-Dichloropropene	ND	F1	2.00	0.433	ug/L			02/07/26 17:22	1
1,2,3-Trichlorobenzene	ND	F1	1.00	0.550	ug/L			02/07/26 17:22	1
1,2,4-Trichlorobenzene	ND	F1	1.00	0.700	ug/L			02/07/26 17:22	1
1,1,1-Trichloroethane	ND	F1	1.00	0.227	ug/L			02/07/26 17:22	1
1,1,2-Trichloroethane	ND	F1	1.00	0.209	ug/L			02/07/26 17:22	1
Trichloroethene	ND	F1	1.00	0.211	ug/L			02/07/26 17:22	1
Trichlorofluoromethane	ND	F1	1.00	0.399	ug/L			02/07/26 17:22	1
1,2,3-Trichloropropane	ND	F1	1.00	0.373	ug/L			02/07/26 17:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	5.00	0.270	ug/L			02/07/26 17:22	1
1,2,4-Trimethylbenzene	ND	F1	1.00	0.237	ug/L			02/07/26 17:22	1
1,3,5-Trimethylbenzene	ND	F1	1.00	0.280	ug/L			02/07/26 17:22	1
Vinyl acetate	ND	*- F1	10.0	2.64	ug/L			02/07/26 17:22	1
Vinyl chloride	ND	F1	1.00	0.304	ug/L			02/07/26 17:22	1
Xylenes, Total	ND	F1	1.00	0.270	ug/L			02/07/26 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 17:22*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/07/26 17:22*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/07/26 17:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		01/31/26 14:24	02/04/26 05:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*70*		*40 - 150*	*01/31/26 14:24*	*02/04/26 05:31*	*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	0.420	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		02/03/26 10:37	02/09/26 16:59	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		02/03/26 10:37	02/09/26 16:59	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		02/03/26 10:37	02/09/26 16:59	1
2-Chlorophenol	ND		10.0	0.840	ug/L		02/03/26 10:37	02/09/26 16:59	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		02/03/26 10:37	02/09/26 16:59	1
2-Methylphenol	ND		10.0	0.760	ug/L		02/03/26 10:37	02/09/26 16:59	1

Client Sample ID: 822-SW-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		02/03/26 10:37	02/09/26 16:59	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/03/26 10:37	02/09/26 16:59	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		02/03/26 10:37	02/09/26 16:59	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		02/03/26 10:37	02/09/26 16:59	1
3-Nitroaniline	ND		10.0	0.950	ug/L		02/03/26 10:37	02/09/26 16:59	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		02/03/26 10:37	02/09/26 16:59	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/03/26 10:37	02/09/26 16:59	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		02/03/26 10:37	02/09/26 16:59	1
4-Chloroaniline	ND		10.0	0.580	ug/L		02/03/26 10:37	02/09/26 16:59	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		02/03/26 10:37	02/09/26 16:59	1
4-Nitroaniline	ND		10.0	3.50	ug/L		02/03/26 10:37	02/09/26 16:59	1
4-Nitrophenol	ND		10.0	2.74	ug/L		02/03/26 10:37	02/09/26 16:59	1
Acenaphthene	ND		10.0	0.630	ug/L		02/03/26 10:37	02/09/26 16:59	1
Acenaphthylene	ND		10.0	0.760	ug/L		02/03/26 10:37	02/09/26 16:59	1
Acetophenone	ND		10.0	3.20	ug/L		02/03/26 10:37	02/09/26 16:59	1
Anthracene	ND		10.0	0.910	ug/L		02/03/26 10:37	02/09/26 16:59	1
Atrazine	ND		10.0	1.13	ug/L		02/03/26 10:37	02/09/26 16:59	1
Benzaldehyde	ND		10.0	0.670	ug/L		02/03/26 10:37	02/09/26 16:59	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/03/26 10:37	02/09/26 16:59	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:37	02/09/26 16:59	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/03/26 10:37	02/09/26 16:59	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		02/03/26 10:37	02/09/26 16:59	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		02/03/26 10:37	02/09/26 16:59	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		02/03/26 10:37	02/09/26 16:59	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		02/03/26 10:37	02/09/26 16:59	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		02/03/26 10:37	02/09/26 16:59	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		02/03/26 10:37	02/09/26 16:59	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:37	02/09/26 16:59	1
Caprolactam	ND		10.0	2.40	ug/L		02/03/26 10:37	02/09/26 16:59	1
Carbazole	ND		10.0	0.320	ug/L		02/03/26 10:37	02/09/26 16:59	1
Chrysene	ND		10.0	1.20	ug/L		02/03/26 10:37	02/09/26 16:59	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/03/26 10:37	02/09/26 16:59	1
Dibenzofuran	ND		10.0	0.640	ug/L		02/03/26 10:37	02/09/26 16:59	1
Diethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:37	02/09/26 16:59	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:37	02/09/26 16:59	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		02/03/26 10:37	02/09/26 16:59	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:37	02/09/26 16:59	1
Fluoranthene	ND		10.0	0.630	ug/L		02/03/26 10:37	02/09/26 16:59	1
Fluorene	ND		10.0	0.670	ug/L		02/03/26 10:37	02/09/26 16:59	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		02/03/26 10:37	02/09/26 16:59	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		02/03/26 10:37	02/09/26 16:59	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		02/03/26 10:37	02/09/26 16:59	1
Hexachloroethane	ND		10.0	0.530	ug/L		02/03/26 10:37	02/09/26 16:59	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:37	02/09/26 16:59	1
Isophorone	ND		10.0	0.800	ug/L		02/03/26 10:37	02/09/26 16:59	1
Naphthalene	ND		10.0	0.750	ug/L		02/03/26 10:37	02/09/26 16:59	1
Nitrobenzene	ND		10.0	0.600	ug/L		02/03/26 10:37	02/09/26 16:59	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		02/03/26 10:37	02/09/26 16:59	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		02/03/26 10:37	02/09/26 16:59	1

Client Sample ID: 822-SW-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		02/03/26 10:37	02/09/26 16:59	1
Phenanthrene	ND		10.0	0.740	ug/L		02/03/26 10:37	02/09/26 16:59	1
Phenol	ND		10.0	0.680	ug/L		02/03/26 10:37	02/09/26 16:59	1
Pyrene	ND		10.0	0.630	ug/L		02/03/26 10:37	02/09/26 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 150*	*02/03/26 10:37*	*02/09/26 16:59*	*1*
2-Fluorobiphenyl (Surr)	*73*		*25 - 139*	*02/03/26 10:37*	*02/09/26 16:59*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 150*	*02/03/26 10:37*	*02/09/26 16:59*	*1*
Nitrobenzene-d5 (Surr)	*62*		*22 - 150*	*02/03/26 10:37*	*02/09/26 16:59*	*1*
Phenol-d5 (Surr)	*67*		*10 - 150*	*02/03/26 10:37*	*02/09/26 16:59*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*02/03/26 10:37*	*02/09/26 16:59*	*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		02/02/26 14:42	02/06/26 02:14	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 02:14	1
Barium	**59.2**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 02:14	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 02:14	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 02:14	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 02:14	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 02:14	1
Copper	**5.24**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 02:14	1
Lead	**3.16**		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 02:14	1
Manganese	**40.7**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 02:14	1
Nickel	**1.80**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:22	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 02:14	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 02:14	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 02:14	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 02:14	1
Zinc	**16.1**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 02:14	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		02/09/26 08:31	02/09/26 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:31	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:22	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.120**		0.100	0.0100	mg/L			01/31/26 20:17	1
Nitrate as N (SM Nitrate by calc)	**0.120**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**25.0**		5.00	1.40	mg/L			02/06/26 11:23	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/08/26 00:52	1
Benzene	ND		1.00	0.200	ug/L			02/08/26 00:52	1
Bromobenzene	ND		1.00	0.222	ug/L			02/08/26 00:52	1
Bromoform	ND		1.00	0.458	ug/L			02/08/26 00:52	1
Bromomethane	ND		1.00	0.470	ug/L			02/08/26 00:52	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/08/26 00:52	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/08/26 00:52	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/08/26 00:52	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/08/26 00:52	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/08/26 00:52	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/08/26 00:52	1
Chloroethane	ND		1.00	0.374	ug/L			02/08/26 00:52	1
Chloroform	ND		1.00	0.216	ug/L			02/08/26 00:52	1
Chloromethane	ND		1.00	0.371	ug/L			02/08/26 00:52	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/08/26 00:52	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/08/26 00:52	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/08/26 00:52	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/08/26 00:52	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/08/26 00:52	1
Dibromomethane	ND		1.00	0.318	ug/L			02/08/26 00:52	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 00:52	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/08/26 00:52	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 00:52	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/08/26 00:52	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/08/26 00:52	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/08/26 00:52	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/08/26 00:52	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/08/26 00:52	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/08/26 00:52	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/08/26 00:52	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/08/26 00:52	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/08/26 00:52	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/08/26 00:52	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/08/26 00:52	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/08/26 00:52	1
Hexane	ND		10.0	3.63	ug/L			02/08/26 00:52	1
2-Hexanone	ND		10.0	3.47	ug/L			02/08/26 00:52	1
Iodomethane	ND		2.00	0.403	ug/L			02/08/26 00:52	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/08/26 00:52	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/08/26 00:52	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/08/26 00:52	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/08/26 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/08/26 00:52	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/08/26 00:52	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/08/26 00:52	1
Naphthalene	ND		2.00	1.56	ug/L			02/08/26 00:52	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/08/26 00:52	1
n-Heptane	ND		10.0	3.05	ug/L			02/08/26 00:52	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/08/26 00:52	1

Client Sample ID: 822-SW-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-8
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		1.00	0.270	ug/L			02/08/26 00:52	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/08/26 00:52	1
Styrene	ND		1.00	0.194	ug/L			02/08/26 00:52	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/08/26 00:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/08/26 00:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/08/26 00:52	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/08/26 00:52	1
Toluene	ND		1.00	0.197	ug/L			02/08/26 00:52	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/08/26 00:52	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/08/26 00:52	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/08/26 00:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/08/26 00:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/08/26 00:52	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/08/26 00:52	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/08/26 00:52	1
Trichloroethene	ND		1.00	0.211	ug/L			02/08/26 00:52	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/08/26 00:52	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/08/26 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/08/26 00:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/08/26 00:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/08/26 00:52	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/08/26 00:52	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/08/26 00:52	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/08/26 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/08/26 00:52*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/08/26 00:52*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/08/26 00:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/31/26 14:24	02/04/26 06:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*88*		*40 - 150*	*01/31/26 14:24*	*02/04/26 06:01*	*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		02/03/26 10:37	02/09/26 17:31	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		02/03/26 10:37	02/09/26 17:31	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		02/03/26 10:37	02/09/26 17:31	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		02/03/26 10:37	02/09/26 17:31	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		02/03/26 10:37	02/09/26 17:31	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		02/03/26 10:37	02/09/26 17:31	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		02/03/26 10:37	02/09/26 17:31	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		02/03/26 10:37	02/09/26 17:31	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		02/03/26 10:37	02/09/26 17:31	1
2-Chlorophenol	ND		9.97	0.837	ug/L		02/03/26 10:37	02/09/26 17:31	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		02/03/26 10:37	02/09/26 17:31	1
2-Methylphenol	ND		9.97	0.757	ug/L		02/03/26 10:37	02/09/26 17:31	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		02/03/26 10:37	02/09/26 17:31	1
2-Nitrophenol	ND		9.97	1.17	ug/L		02/03/26 10:37	02/09/26 17:31	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		02/03/26 10:37	02/09/26 17:31	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		02/03/26 10:37	02/09/26 17:31	1
3-Nitroaniline	ND		9.97	0.947	ug/L		02/03/26 10:37	02/09/26 17:31	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		02/03/26 10:37	02/09/26 17:31	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		02/03/26 10:37	02/09/26 17:31	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		02/03/26 10:37	02/09/26 17:31	1
4-Chloroaniline	ND		9.97	0.578	ug/L		02/03/26 10:37	02/09/26 17:31	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		02/03/26 10:37	02/09/26 17:31	1
4-Nitroaniline	ND		9.97	3.49	ug/L		02/03/26 10:37	02/09/26 17:31	1
4-Nitrophenol	ND		9.97	2.73	ug/L		02/03/26 10:37	02/09/26 17:31	1
Acenaphthene	ND		9.97	0.628	ug/L		02/03/26 10:37	02/09/26 17:31	1
Acenaphthylene	ND		9.97	0.757	ug/L		02/03/26 10:37	02/09/26 17:31	1
Acetophenone	ND		9.97	3.19	ug/L		02/03/26 10:37	02/09/26 17:31	1
Anthracene	ND		9.97	0.907	ug/L		02/03/26 10:37	02/09/26 17:31	1
Atrazine	ND		9.97	1.13	ug/L		02/03/26 10:37	02/09/26 17:31	1
Benzaldehyde	ND		9.97	0.668	ug/L		02/03/26 10:37	02/09/26 17:31	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		02/03/26 10:37	02/09/26 17:31	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		02/03/26 10:37	02/09/26 17:31	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		02/03/26 10:37	02/09/26 17:31	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		02/03/26 10:37	02/09/26 17:31	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		02/03/26 10:37	02/09/26 17:31	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		02/03/26 10:37	02/09/26 17:31	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		02/03/26 10:37	02/09/26 17:31	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		02/03/26 10:37	02/09/26 17:31	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		02/03/26 10:37	02/09/26 17:31	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:37	02/09/26 17:31	1
Caprolactam	ND		9.97	2.39	ug/L		02/03/26 10:37	02/09/26 17:31	1
Carbazole	ND		9.97	0.319	ug/L		02/03/26 10:37	02/09/26 17:31	1
Chrysene	ND		9.97	1.20	ug/L		02/03/26 10:37	02/09/26 17:31	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		02/03/26 10:37	02/09/26 17:31	1
Dibenzofuran	ND		9.97	0.638	ug/L		02/03/26 10:37	02/09/26 17:31	1
Diethyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:37	02/09/26 17:31	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:37	02/09/26 17:31	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		02/03/26 10:37	02/09/26 17:31	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		02/03/26 10:37	02/09/26 17:31	1
Fluoranthene	ND		9.97	0.628	ug/L		02/03/26 10:37	02/09/26 17:31	1
Fluorene	ND		9.97	0.668	ug/L		02/03/26 10:37	02/09/26 17:31	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		02/03/26 10:37	02/09/26 17:31	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		02/03/26 10:37	02/09/26 17:31	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		02/03/26 10:37	02/09/26 17:31	1
Hexachloroethane	ND		9.97	0.528	ug/L		02/03/26 10:37	02/09/26 17:31	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		02/03/26 10:37	02/09/26 17:31	1
Isophorone	ND		9.97	0.797	ug/L		02/03/26 10:37	02/09/26 17:31	1
Naphthalene	ND		9.97	0.748	ug/L		02/03/26 10:37	02/09/26 17:31	1
Nitrobenzene	ND		9.97	0.598	ug/L		02/03/26 10:37	02/09/26 17:31	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		02/03/26 10:37	02/09/26 17:31	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		02/03/26 10:37	02/09/26 17:31	1

Client Sample ID: 822-SW-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		02/03/26 10:37	02/09/26 17:31	1
Phenanthrene	ND		9.97	0.738	ug/L		02/03/26 10:37	02/09/26 17:31	1
Phenol	ND		9.97	0.678	ug/L		02/03/26 10:37	02/09/26 17:31	1
Pyrene	ND		9.97	0.628	ug/L		02/03/26 10:37	02/09/26 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 150*	*02/03/26 10:37*	*02/09/26 17:31*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*02/03/26 10:37*	*02/09/26 17:31*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 150*	*02/03/26 10:37*	*02/09/26 17:31*	*1*
Nitrobenzene-d5 (Surr)	*62*		*22 - 150*	*02/03/26 10:37*	*02/09/26 17:31*	*1*
Phenol-d5 (Surr)	*67*		*10 - 150*	*02/03/26 10:37*	*02/09/26 17:31*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*02/03/26 10:37*	*02/09/26 17:31*	*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		02/02/26 14:42	02/06/26 02:16	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 02:16	1
Barium	**57.0**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 02:16	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 02:16	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 02:16	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 02:16	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 02:16	1
Copper	**2.67**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 02:16	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 02:16	1
Manganese	**12.2**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 02:16	1
Nickel	**0.738**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:46	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 02:16	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 02:16	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 02:16	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 02:16	1
Zinc	**9.04**	**J**	10.0	8.91	ug/L		02/02/26 14:42	02/06/26 02:16	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		02/09/26 08:31	02/09/26 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:33	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:22	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.177**		0.100	0.0100	mg/L			01/31/26 20:19	1
Nitrate as N (SM Nitrate by calc)	**0.177**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**22.9**		5.00	1.40	mg/L			02/06/26 11:23	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 19:52	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 19:52	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 19:52	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 19:52	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 19:52	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 19:52	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 19:52	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 19:52	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 19:52	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 19:52	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 19:52	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 19:52	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 19:52	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 19:52	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 19:52	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 19:52	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 19:52	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 19:52	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 19:52	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 19:52	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 19:52	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 19:52	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 19:52	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 19:52	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 19:52	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 19:52	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 19:52	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 19:52	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 19:52	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 19:52	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 19:52	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 19:52	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 19:52	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 19:52	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 19:52	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 19:52	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 19:52	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 19:52	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 19:52	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 19:52	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 19:52	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 19:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 19:52	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 19:52	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 19:52	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 19:52	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 19:52	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 19:52	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 19:52	1

Client Sample ID: 822-SW-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-9
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		1.00	0.270	ug/L			02/07/26 19:52	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 19:52	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 19:52	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 19:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 19:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 19:52	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 19:52	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 19:52	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 19:52	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 19:52	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 19:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 19:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 19:52	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 19:52	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 19:52	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 19:52	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 19:52	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 19:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 19:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 19:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 19:52	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 19:52	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 19:52	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*70 - 126*		*02/07/26 19:52*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 19:52*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 19:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		01/31/26 14:24	02/04/26 06:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*88*		*40 - 150*	*01/31/26 14:24*	*02/04/26 06:31*	*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		9.90	0.416	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		02/03/26 10:37	02/09/26 18:03	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		02/03/26 10:37	02/09/26 18:03	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		02/03/26 10:37	02/09/26 18:03	1
2-Chlorophenol	ND		9.90	0.832	ug/L		02/03/26 10:37	02/09/26 18:03	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		02/03/26 10:37	02/09/26 18:03	1
2-Methylphenol	ND		9.90	0.752	ug/L		02/03/26 10:37	02/09/26 18:03	1

Client Sample ID: 822-SW-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.90	1.36	ug/L		02/03/26 10:37	02/09/26 18:03	1
2-Nitrophenol	ND		9.90	1.16	ug/L		02/03/26 10:37	02/09/26 18:03	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		02/03/26 10:37	02/09/26 18:03	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		02/03/26 10:37	02/09/26 18:03	1
3-Nitroaniline	ND		9.90	0.941	ug/L		02/03/26 10:37	02/09/26 18:03	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		02/03/26 10:37	02/09/26 18:03	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		02/03/26 10:37	02/09/26 18:03	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		02/03/26 10:37	02/09/26 18:03	1
4-Chloroaniline	ND		9.90	0.574	ug/L		02/03/26 10:37	02/09/26 18:03	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		02/03/26 10:37	02/09/26 18:03	1
4-Nitroaniline	ND		9.90	3.47	ug/L		02/03/26 10:37	02/09/26 18:03	1
4-Nitrophenol	ND		9.90	2.71	ug/L		02/03/26 10:37	02/09/26 18:03	1
Acenaphthene	ND		9.90	0.624	ug/L		02/03/26 10:37	02/09/26 18:03	1
Acenaphthylene	ND		9.90	0.752	ug/L		02/03/26 10:37	02/09/26 18:03	1
Acetophenone	ND		9.90	3.17	ug/L		02/03/26 10:37	02/09/26 18:03	1
Anthracene	ND		9.90	0.901	ug/L		02/03/26 10:37	02/09/26 18:03	1
Atrazine	ND		9.90	1.12	ug/L		02/03/26 10:37	02/09/26 18:03	1
Benzaldehyde	ND		9.90	0.663	ug/L		02/03/26 10:37	02/09/26 18:03	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		02/03/26 10:37	02/09/26 18:03	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		02/03/26 10:37	02/09/26 18:03	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		02/03/26 10:37	02/09/26 18:03	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		02/03/26 10:37	02/09/26 18:03	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		02/03/26 10:37	02/09/26 18:03	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		02/03/26 10:37	02/09/26 18:03	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		02/03/26 10:37	02/09/26 18:03	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		02/03/26 10:37	02/09/26 18:03	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 18:03	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 18:03	1
Caprolactam	ND		9.90	2.38	ug/L		02/03/26 10:37	02/09/26 18:03	1
Carbazole	ND		9.90	0.317	ug/L		02/03/26 10:37	02/09/26 18:03	1
Chrysene	ND		9.90	1.19	ug/L		02/03/26 10:37	02/09/26 18:03	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		02/03/26 10:37	02/09/26 18:03	1
Dibenzofuran	ND		9.90	0.634	ug/L		02/03/26 10:37	02/09/26 18:03	1
Diethyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 18:03	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 18:03	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		02/03/26 10:37	02/09/26 18:03	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		02/03/26 10:37	02/09/26 18:03	1
Fluoranthene	ND		9.90	0.624	ug/L		02/03/26 10:37	02/09/26 18:03	1
Fluorene	ND		9.90	0.663	ug/L		02/03/26 10:37	02/09/26 18:03	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		02/03/26 10:37	02/09/26 18:03	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		02/03/26 10:37	02/09/26 18:03	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		02/03/26 10:37	02/09/26 18:03	1
Hexachloroethane	ND		9.90	0.525	ug/L		02/03/26 10:37	02/09/26 18:03	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		02/03/26 10:37	02/09/26 18:03	1
Isophorone	ND		9.90	0.792	ug/L		02/03/26 10:37	02/09/26 18:03	1
Naphthalene	ND		9.90	0.743	ug/L		02/03/26 10:37	02/09/26 18:03	1
Nitrobenzene	ND		9.90	0.594	ug/L		02/03/26 10:37	02/09/26 18:03	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		02/03/26 10:37	02/09/26 18:03	1
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		02/03/26 10:37	02/09/26 18:03	1

Client Sample ID: 822-SW-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.90	2.77	ug/L		02/03/26 10:37	02/09/26 18:03	1
Phenanthrene	ND		9.90	0.733	ug/L		02/03/26 10:37	02/09/26 18:03	1
Phenol	ND		9.90	0.673	ug/L		02/03/26 10:37	02/09/26 18:03	1
Pyrene	ND		9.90	0.624	ug/L		02/03/26 10:37	02/09/26 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 150*	*02/03/26 10:37*	*02/09/26 18:03*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*02/03/26 10:37*	*02/09/26 18:03*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 150*	*02/03/26 10:37*	*02/09/26 18:03*	*1*
Nitrobenzene-d5 (Surr)	*58*		*22 - 150*	*02/03/26 10:37*	*02/09/26 18:03*	*1*
Phenol-d5 (Surr)	*54*		*10 - 150*	*02/03/26 10:37*	*02/09/26 18:03*	*1*
Terphenyl-d14 (Surr)	*48*		*28 - 150*	*02/03/26 10:37*	*02/09/26 18:03*	*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		02/02/26 14:42	02/06/26 02:19	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 02:19	1
Barium	**64.9**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 02:19	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 02:19	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 02:19	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 02:19	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 02:19	1
Copper	**4.91**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 02:19	1
Lead	**4.91**		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 02:19	1
Manganese	**37.1**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 02:19	1
Nickel	**1.28**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:49	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 02:19	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 02:19	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 02:19	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 02:19	1
Zinc	**18.1**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 02:19	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		02/09/26 08:31	02/09/26 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:34	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:23	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.177**		0.100	0.0100	mg/L			01/31/26 20:21	1
Nitrate as N (SM Nitrate by calc)	**0.177**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**26.4**		5.00	1.40	mg/L			02/06/26 11:24	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 20:17	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 20:17	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 20:17	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 20:17	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 20:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 20:17	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 20:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 20:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 20:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 20:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 20:17	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 20:17	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 20:17	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 20:17	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 20:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 20:17	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 20:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 20:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 20:17	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 20:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 20:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 20:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 20:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 20:17	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 20:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 20:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 20:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 20:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 20:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 20:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 20:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 20:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 20:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 20:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 20:17	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 20:17	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 20:17	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 20:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 20:17	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 20:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 20:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 20:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 20:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 20:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 20:17	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 20:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 20:17	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 20:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 20:17	1

Client Sample ID: 822-SW-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-10
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		1.00	0.270	ug/L			02/07/26 20:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 20:17	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 20:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 20:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 20:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 20:17	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 20:17	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 20:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 20:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 20:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 20:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 20:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 20:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 20:17	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 20:17	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 20:17	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 20:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 20:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 20:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 20:17	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 20:17	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 20:17	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 20:17*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/07/26 20:17*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/07/26 20:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		01/31/26 14:24	02/04/26 07:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*93*		*40 - 150*	*01/31/26 14:24*	*02/04/26 07:00*	*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		9.80	0.412	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,4,5-Trichlorophenol	ND		9.80	0.529	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,4,6-Trichlorophenol	ND		9.80	1.07	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,4-Dichlorophenol	ND		9.80	0.559	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,4-Dimethylphenol	ND		9.80	0.235	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,4-Dinitrophenol	ND		29.4	4.59	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,4-Dinitrotoluene	ND		9.80	0.637	ug/L		02/03/26 10:37	02/09/26 18:35	1
2,6-Dinitrotoluene	ND		9.80	0.284	ug/L		02/03/26 10:37	02/09/26 18:35	1
2-Chloronaphthalene	ND		9.80	0.373	ug/L		02/03/26 10:37	02/09/26 18:35	1
2-Chlorophenol	ND		9.80	0.824	ug/L		02/03/26 10:37	02/09/26 18:35	1
2-Methylnaphthalene	ND		9.80	0.794	ug/L		02/03/26 10:37	02/09/26 18:35	1
2-Methylphenol	ND		9.80	0.745	ug/L		02/03/26 10:37	02/09/26 18:35	1

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.80	1.34	ug/L		02/03/26 10:37	02/09/26 18:35	1
2-Nitrophenol	ND		9.80	1.15	ug/L		02/03/26 10:37	02/09/26 18:35	1
3 & 4 Methylphenol	ND		19.6	4.51	ug/L		02/03/26 10:37	02/09/26 18:35	1
3,3'-Dichlorobenzidine	ND		10.8	0.402	ug/L		02/03/26 10:37	02/09/26 18:35	1
3-Nitroaniline	ND		9.80	0.931	ug/L		02/03/26 10:37	02/09/26 18:35	1
4,6-Dinitro-2-methylphenol	ND		9.80	1.93	ug/L		02/03/26 10:37	02/09/26 18:35	1
4-Bromophenyl phenyl ether	ND		9.80	0.127	ug/L		02/03/26 10:37	02/09/26 18:35	1
4-Chloro-3-methylphenol	ND		9.80	0.716	ug/L		02/03/26 10:37	02/09/26 18:35	1
4-Chloroaniline	ND		9.80	0.569	ug/L		02/03/26 10:37	02/09/26 18:35	1
4-Chlorophenyl phenyl ether	ND		9.80	0.235	ug/L		02/03/26 10:37	02/09/26 18:35	1
4-Nitroaniline	ND		9.80	3.43	ug/L		02/03/26 10:37	02/09/26 18:35	1
4-Nitrophenol	ND		9.80	2.69	ug/L		02/03/26 10:37	02/09/26 18:35	1
Acenaphthene	ND		9.80	0.618	ug/L		02/03/26 10:37	02/09/26 18:35	1
Acenaphthylene	ND		9.80	0.745	ug/L		02/03/26 10:37	02/09/26 18:35	1
Acetophenone	ND		9.80	3.14	ug/L		02/03/26 10:37	02/09/26 18:35	1
Anthracene	ND		9.80	0.892	ug/L		02/03/26 10:37	02/09/26 18:35	1
Atrazine	ND		9.80	1.11	ug/L		02/03/26 10:37	02/09/26 18:35	1
Benzaldehyde	ND		9.80	0.657	ug/L		02/03/26 10:37	02/09/26 18:35	1
Benzo[a]anthracene	ND		9.80	0.980	ug/L		02/03/26 10:37	02/09/26 18:35	1
Benzo[a]pyrene	ND		9.80	1.08	ug/L		02/03/26 10:37	02/09/26 18:35	1
Benzo[b]fluoranthene	ND		9.80	1.18	ug/L		02/03/26 10:37	02/09/26 18:35	1
Benzo[g,h,i]perylene	ND		9.80	1.47	ug/L		02/03/26 10:37	02/09/26 18:35	1
Benzo[k]fluoranthene	ND		9.80	1.47	ug/L		02/03/26 10:37	02/09/26 18:35	1
bis (2-chloroisopropyl) ether	ND		9.80	0.912	ug/L		02/03/26 10:37	02/09/26 18:35	1
Bis(2-chloroethoxy)methane	ND		9.80	0.333	ug/L		02/03/26 10:37	02/09/26 18:35	1
Bis(2-chloroethyl)ether	ND		9.80	0.716	ug/L		02/03/26 10:37	02/09/26 18:35	1
Bis(2-ethylhexyl) phthalate	ND		9.80	3.92	ug/L		02/03/26 10:37	02/09/26 18:35	1
Butyl benzyl phthalate	ND		9.80	3.92	ug/L		02/03/26 10:37	02/09/26 18:35	1
Caprolactam	ND		9.80	2.35	ug/L		02/03/26 10:37	02/09/26 18:35	1
Carbazole	ND		9.80	0.314	ug/L		02/03/26 10:37	02/09/26 18:35	1
Chrysene	ND		9.80	1.18	ug/L		02/03/26 10:37	02/09/26 18:35	1
Dibenz(a,h)anthracene	ND		9.80	1.27	ug/L		02/03/26 10:37	02/09/26 18:35	1
Dibenzofuran	ND		9.80	0.627	ug/L		02/03/26 10:37	02/09/26 18:35	1
Diethyl phthalate	ND		9.80	3.92	ug/L		02/03/26 10:37	02/09/26 18:35	1
Dimethyl phthalate	ND		9.80	3.92	ug/L		02/03/26 10:37	02/09/26 18:35	1
Di-n-butyl phthalate	**8.28**	**J**	9.80	8.03	ug/L		02/03/26 10:37	02/09/26 18:35	1
Di-n-octyl phthalate	ND		9.80	3.92	ug/L		02/03/26 10:37	02/09/26 18:35	1
Fluoranthene	ND		9.80	0.618	ug/L		02/03/26 10:37	02/09/26 18:35	1
Fluorene	ND		9.80	0.657	ug/L		02/03/26 10:37	02/09/26 18:35	1
Hexachlorobenzene	ND		9.80	0.245	ug/L		02/03/26 10:37	02/09/26 18:35	1
Hexachlorobutadiene	ND		9.80	0.539	ug/L		02/03/26 10:37	02/09/26 18:35	1
Hexachlorocyclopentadiene	ND		19.6	0.314	ug/L		02/03/26 10:37	02/09/26 18:35	1
Hexachloroethane	ND		9.80	0.520	ug/L		02/03/26 10:37	02/09/26 18:35	1
Indeno[1,2,3-cd]pyrene	ND		9.80	1.08	ug/L		02/03/26 10:37	02/09/26 18:35	1
Isophorone	ND		9.80	0.784	ug/L		02/03/26 10:37	02/09/26 18:35	1
Naphthalene	ND		9.80	0.735	ug/L		02/03/26 10:37	02/09/26 18:35	1
Nitrobenzene	ND		9.80	0.588	ug/L		02/03/26 10:37	02/09/26 18:35	1
N-Nitrosodi-n-propylamine	ND		9.80	0.324	ug/L		02/03/26 10:37	02/09/26 18:35	1
N-Nitrosodiphenylamine	ND		9.80	0.186	ug/L		02/03/26 10:37	02/09/26 18:35	1

Client Sample ID: 822-SW-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.80	2.75	ug/L		02/03/26 10:37	02/09/26 18:35	1
Phenanthrene	ND		9.80	0.725	ug/L		02/03/26 10:37	02/09/26 18:35	1
Phenol	ND		9.80	0.667	ug/L		02/03/26 10:37	02/09/26 18:35	1
Pyrene	ND		9.80	0.618	ug/L		02/03/26 10:37	02/09/26 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*02/03/26 10:37*	*02/09/26 18:35*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*02/03/26 10:37*	*02/09/26 18:35*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*02/03/26 10:37*	*02/09/26 18:35*	*1*
Nitrobenzene-d5 (Surr)	*62*		*22 - 150*	*02/03/26 10:37*	*02/09/26 18:35*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*02/03/26 10:37*	*02/09/26 18:35*	*1*
Terphenyl-d14 (Surr)	*56*		*28 - 150*	*02/03/26 10:37*	*02/09/26 18:35*	*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		02/02/26 14:42	02/06/26 02:22	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 02:22	1
Barium	**61.9**		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 02:22	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 02:22	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 02:22	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 02:22	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 02:22	1
Copper	**2.71**		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 02:22	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 02:22	1
Manganese	**38.9**		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 02:22	1
Nickel	**0.630**	**J**	5.00	0.422	ug/L		02/02/26 14:42	02/06/26 19:51	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 02:22	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 02:22	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 02:22	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 02:22	1
Zinc	**10.3**		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 02:22	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		02/09/26 08:31	02/09/26 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 13:36	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/30/26 16:28	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.196**		0.100	0.0100	mg/L			01/31/26 20:24	1
Nitrate as N (SM Nitrate by calc)	**0.196**		0.100	0.0100	mg/L			02/02/26 14:52	1
Sulfate (SM 4500 SO4 E)	**25.9**		5.00	1.40	mg/L			02/06/26 11:24	1

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

Job ID: 752-41471-1

Client Sample ID: Trip Blank
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.97	J	10.0	4.04	ug/L			02/09/26 19:27	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 04:26	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 04:26	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 04:26	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 04:26	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 04:26	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 04:26	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 04:26	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 04:26	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 04:26	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 04:26	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 04:26	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 04:26	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 04:26	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 04:26	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 04:26	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 04:26	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 04:26	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 04:26	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 04:26	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 04:26	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 04:26	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 04:26	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 04:26	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 04:26	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 04:26	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 04:26	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 04:26	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 04:26	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 04:26	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 04:26	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 04:26	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 04:26	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 04:26	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 04:26	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 04:26	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 04:26	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 04:26	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 04:26	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 04:26	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 04:26	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 04:26	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 04:26	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 04:26	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 04:26	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 04:26	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 04:26	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 04:26	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 04:26	1

Client Sample ID: Trip Blank
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41471-11
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		1.00	0.270	ug/L			02/07/26 04:26	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 04:26	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 04:26	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 04:26	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 04:26	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 04:26	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 04:26	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 04:26	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 04:26	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 04:26	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 04:26	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 04:26	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 04:26	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 04:26	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 04:26	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 04:26	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 04:26	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 04:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 04:26	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 04:26	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 04:26	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 04:26	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 04:26	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 04:26*	*1*
4-Bromofluorobenzene	*101*		*70 - 126*		*02/09/26 19:27*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 04:26*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/09/26 19:27*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/07/26 04:26*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*02/09/26 19:27*	*1*

Surrogate Summary

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

Job ID: 752-41471-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB	DBFM	TOL						
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)						
752-41471-1	822-SW-9	88	109	98						
752-41471-2	822-SW-8	88	109	99						
752-41471-3	822-SW-7	87	109	100						
752-41471-4	822-SW-6	88	108	98						
752-41471-5	822-SW-Dup	88	108	99						
752-41471-6	822-SW-5	89	111	100						
752-41471-6 DU	822-SW-5	88	110	99						
752-41471-7	822-SW-4	88	112	99						
752-41471-7 MS	822-SW-4	92	98	96						
752-41471-8	822-SW-3	88	111	100						
752-41471-9	822-SW-2	87	111	100						
752-41471-10	822-SW-1	89	110	99						
752-41471-11	Trip Blank	89	111	101						
752-41471-11	Trip Blank	101	104	103						
LCS 705-112647/1003	Lab Control Sample	86	103	94						
LCS 705-112647/1004	Lab Control Sample	101	101	98						
LCS 705-112666/1003	Lab Control Sample	84	103	94						
LCS 705-112666/1004	Lab Control Sample	103	101	98						
LCS 705-112958/1001	Lab Control Sample	106	100	105						
LCS 705-112958/1002	Lab Control Sample	98	103	101						
MB 705-112647/9	Method Blank	89	109	100						
MB 705-112666/9	Method Blank	89	111	98						
MB 705-112958/3	Method Blank	101	104	102						

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

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)		
752-41471-1	822-SW-9	59	74	67	63	68	51		
752-41471-2	822-SW-8	62	71	68	63	71	49		
752-41471-3	822-SW-7	62	75	68	61	71	53		
752-41471-4	822-SW-6	56	68	66	59	69	49		
752-41471-5	822-SW-Dup	52	69	55	57	54	44		
752-41471-6	822-SW-5	58	74	63	61	64	58		
752-41471-7	822-SW-4	59	73	65	62	67	58		
752-41471-8	822-SW-3	59	74	64	62	67	57		
752-41471-9	822-SW-2	55	69	56	58	54	48		
752-41471-10	822-SW-1	69	74	66	62	64	56		
LCS 400-738167/2-A	Lab Control Sample	71	60	74	72	81	62		
LCSD 400-738167/3-A	Lab Control Sample Dup	76	63	81	77	86	66		
MB 400-738156/1-A	Method Blank	75	66	62	77	54	68		
MB 400-738167/1-A	Method Blank	68	64	76	71	70	67		

Surrogate Legend

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41471-1
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: 752-41471-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(40-150)
752-41471-1	822-SW-9	75
752-41471-2	822-SW-8	75
752-41471-3	822-SW-7	83
752-41471-4	822-SW-6	78
752-41471-5	822-SW-Dup	74
752-41471-6	822-SW-5	84
752-41471-7	822-SW-4	70
752-41471-8	822-SW-3	88
752-41471-9	822-SW-2	88
752-41471-10	822-SW-1	93
MB 400-737965/1-A	Method Blank	83

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(30-150)
LCS 400-737965/2-A	Lab Control Sample	73
LCSD 400-737965/3-A	Lab Control Sample Dup	78

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-112647/9
Matrix: Water
Analysis Batch: 112647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 03:11	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 03:11	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 03:11	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 03:11	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 03:11	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 03:11	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 03:11	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 03:11	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 03:11	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 03:11	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 03:11	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 03:11	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 03:11	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 03:11	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 03:11	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 03:11	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 03:11	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 03:11	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 03:11	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 03:11	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 03:11	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 03:11	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 03:11	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 03:11	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 03:11	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 03:11	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 03:11	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 03:11	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 03:11	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 03:11	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 03:11	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 03:11	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 03:11	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 03:11	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 03:11	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 03:11	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 03:11	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 03:11	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 03:11	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/07/26 03:11	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 03:11	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 03:11	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 03:11	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 03:11	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 03:11	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 03:11	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 03:11	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 03:11	1

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

Lab Sample ID: MB 705-112647/9
Matrix: Water
Analysis Batch: 112647

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	0.239	ug/L			02/07/26 03:11	1
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 03:11	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 03:11	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 03:11	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 03:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 03:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 03:11	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 03:11	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 03:11	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 03:11	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 03:11	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 03:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 03:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 03:11	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 03:11	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 03:11	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 03:11	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 03:11	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 03:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 03:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 03:11	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 03:11	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 03:11	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 03:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 03:11*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/07/26 03:11*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 03:11*	*1*

Lab Sample ID: LCS 705-112647/1003
Matrix: Water
Analysis Batch: 112647

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	27.17		ug/L		68	25 - 150		
Isopropyl ether			20.0	14.94	*-	ug/L		75	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*94*		*79 - 119*

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

Lab Sample ID: LCS 705-112647/1004
Matrix: Water
Analysis Batch: 112647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	33.01		ug/L		83	62 - 136
Benzene	20.0	20.22		ug/L		101	76 - 122
Bromobenzene	20.0	20.15		ug/L		101	77 - 125
Bromoform	20.0	19.87		ug/L		99	65 - 129
Bromomethane	20.0	25.44		ug/L		127	60 - 138
2-Butanone (MEK)	40.0	33.29		ug/L		83	74 - 131
Carbon disulfide	20.0	20.37		ug/L		102	71 - 122
Carbon tetrachloride	20.0	21.12		ug/L		106	72 - 131
Chlorobenzene	20.0	20.63		ug/L		103	75 - 121
Chlorobromomethane	20.0	21.99		ug/L		110	77 - 120
Chlorodibromomethane	20.0	19.93		ug/L		100	70 - 131
Chloroethane	20.0	19.04		ug/L		95	55 - 138
Chloroform	20.0	19.92		ug/L		100	73 - 121
Chloromethane	20.0	20.24		ug/L		101	57 - 129
2-Chlorotoluene	20.0	19.77		ug/L		99	75 - 123
4-Chlorotoluene	20.0	20.63		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	20.36		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	18.69		ug/L		93	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.68		ug/L		88	64 - 125
Dibromomethane	20.0	19.48		ug/L		97	70 - 130
1,2-Dichlorobenzene	20.0	21.31		ug/L		107	69 - 127
1,3-Dichlorobenzene	20.0	20.70		ug/L		103	68 - 128
1,4-Dichlorobenzene	20.0	20.54		ug/L		103	68 - 126
Dichlorobromomethane	20.0	19.22		ug/L		96	70 - 124
1,1-Dichloroethane	20.0	19.91		ug/L		100	65 - 126
1,2-Dichloroethane	20.0	18.25		ug/L		91	72 - 127
1,1-Dichloroethene	20.0	20.66		ug/L		103	69 - 130
1,2-Dichloropropane	20.0	18.66		ug/L		93	71 - 121
1,3-Dichloropropane	20.0	19.14		ug/L		96	76 - 125
2,2-Dichloropropane	20.0	20.20		ug/L		101	71 - 131
1,1-Dichloropropene	20.0	21.08		ug/L		105	74 - 129
Ethylbenzene	20.0	20.45		ug/L		102	75 - 127
Ethylene Dibromide	20.0	19.79		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	22.13		ug/L		111	65 - 137
Hexane	20.0	18.45		ug/L		92	25 - 150
2-Hexanone	40.0	32.12		ug/L		80	70 - 130
Iodomethane	20.0	24.41		ug/L		122	50 - 150
Isopropylbenzene	20.0	19.87		ug/L		99	76 - 125
4-Isopropyltoluene	20.0	23.79		ug/L		119	78 - 126
Methylene Chloride	20.0	20.31		ug/L		102	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	31.96		ug/L		80	76 - 122
Methyl tert-butyl ether	20.0	18.17		ug/L		91	76 - 123
m-Xylene & p-Xylene	20.0	20.85		ug/L		104	76 - 128
Naphthalene	20.0	19.75		ug/L		99	67 - 129
n-Butylbenzene	20.0	19.23		ug/L		96	71 - 131
n-Heptane	20.0	17.86		ug/L		89	25 - 150
N-Propylbenzene	20.0	19.65		ug/L		98	75 - 127
o-Xylene	20.0	21.00		ug/L		105	78 - 124

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

Lab Sample ID: LCS 705-112647/1004
Matrix: Water
Analysis Batch: 112647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	20.71		ug/L		104	74 - 127
Styrene	20.0	22.03		ug/L		110	71 - 129
tert-Butylbenzene	20.0	20.17		ug/L		101	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.50		ug/L		103	76 - 130
1,1,2,2-Tetrachloroethane	20.0	16.90		ug/L		85	73 - 127
Tetrachloroethene	20.0	21.59		ug/L		108	74 - 129
Toluene	20.0	20.20		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.66		ug/L		83	50 - 150
trans-1,2-Dichloroethene	20.0	20.26		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.15		ug/L		91	59 - 135
1,2,3-Trichlorobenzene	20.0	19.92		ug/L		100	65 - 130
1,2,4-Trichlorobenzene	20.0	18.65		ug/L		93	65 - 131
1,1,1-Trichloroethane	20.0	20.44		ug/L		102	71 - 124
1,1,2-Trichloroethane	20.0	19.32		ug/L		97	69 - 127
Trichloroethene	20.0	20.70		ug/L		104	72 - 129
Trichlorofluoromethane	20.0	21.70		ug/L		108	63 - 142
1,2,3-Trichloropropane	20.0	18.47		ug/L		92	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.25		ug/L		111	74 - 122
1,2,4-Trimethylbenzene	20.0	21.50		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	20.0	20.89		ug/L		104	79 - 124
Vinyl acetate	40.0	31.30		ug/L		78	50 - 150
Vinyl chloride	20.0	20.84		ug/L		104	65 - 132
Xylenes, Total	40.0	41.85		ug/L		105	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-112666/9
Matrix: Water
Analysis Batch: 112666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 16:07	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 16:07	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 16:07	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 16:07	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 16:07	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 16:07	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 16:07	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 16:07	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 16:07	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 16:07	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 16:07	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 16:07	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 16:07	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 16:07	1

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

Lab Sample ID: MB 705-112666/9
Matrix: Water
Analysis Batch: 112666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 16:07	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 16:07	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 16:07	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 16:07	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 16:07	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 16:07	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 16:07	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 16:07	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 16:07	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 16:07	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 16:07	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 16:07	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 16:07	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 16:07	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 16:07	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 16:07	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 16:07	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 16:07	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 16:07	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 16:07	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 16:07	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 16:07	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 16:07	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 16:07	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 16:07	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/07/26 16:07	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 16:07	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 16:07	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 16:07	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 16:07	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 16:07	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 16:07	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 16:07	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 16:07	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 16:07	1
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 16:07	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 16:07	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 16:07	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 16:07	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 16:07	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 16:07	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 16:07	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 16:07	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 16:07	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 16:07	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 16:07	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 16:07	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 16:07	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 16:07	1

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

Lab Sample ID: MB 705-112666/9
Matrix: Water
Analysis Batch: 112666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 16:07	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 16:07	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 16:07	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 16:07	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 16:07	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 16:07	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 16:07	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 16:07	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 16:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 16:07*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 16:07*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/07/26 16:07*	*1*

Lab Sample ID: LCS 705-112666/1003
Matrix: Water
Analysis Batch: 112666

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	27.46		ug/L		69	25 - 150		
Isopropyl ether			20.0	14.83	*-	ug/L		74	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*84*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*94*		*79 - 119*

Lab Sample ID: LCS 705-112666/1004
Matrix: Water
Analysis Batch: 112666

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	34.54		ug/L		86	62 - 136		
Benzene			20.0	21.99		ug/L		110	76 - 122		
Bromobenzene			20.0	21.13		ug/L		106	77 - 125		
Bromoform			20.0	21.14		ug/L		106	65 - 129		
Bromomethane			20.0	26.84		ug/L		134	60 - 138		
2-Butanone (MEK)			40.0	34.75		ug/L		87	74 - 131		
Carbon disulfide			20.0	21.93		ug/L		110	71 - 122		
Carbon tetrachloride			20.0	23.36		ug/L		117	72 - 131		
Chlorobenzene			20.0	22.29		ug/L		111	75 - 121		
Chlorobromomethane			20.0	22.57		ug/L		113	77 - 120		
Chlorodibromomethane			20.0	21.24		ug/L		106	70 - 131		
Chloroethane			20.0	19.48		ug/L		97	55 - 138		
Chloroform			20.0	21.16		ug/L		106	73 - 121		
Chloromethane			20.0	20.99		ug/L		105	57 - 129		

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

Lab Sample ID: LCS 705-112666/1004
Matrix: Water
Analysis Batch: 112666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	20.0	20.87		ug/L		104	75 - 123
4-Chlorotoluene	20.0	21.60		ug/L		108	76 - 124
cis-1,2-Dichloroethene	20.0	21.31		ug/L		107	76 - 121
cis-1,3-Dichloropropene	20.0	19.37		ug/L		97	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.53		ug/L		88	64 - 125
Dibromomethane	20.0	20.97		ug/L		105	70 - 130
1,2-Dichlorobenzene	20.0	22.15		ug/L		111	69 - 127
1,3-Dichlorobenzene	20.0	21.77		ug/L		109	68 - 128
1,4-Dichlorobenzene	20.0	21.23		ug/L		106	68 - 126
Dichlorobromomethane	20.0	20.66		ug/L		103	70 - 124
1,1-Dichloroethane	20.0	20.27		ug/L		101	65 - 126
1,2-Dichloroethane	20.0	19.49		ug/L		97	72 - 127
1,1-Dichloroethene	20.0	22.69		ug/L		113	69 - 130
1,2-Dichloropropane	20.0	20.44		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	20.16		ug/L		101	76 - 125
2,2-Dichloropropane	20.0	18.20		ug/L		91	71 - 131
1,1-Dichloropropene	20.0	23.91		ug/L		120	74 - 129
Ethylbenzene	20.0	22.08		ug/L		110	75 - 127
Ethylene Dibromide	20.0	20.74		ug/L		104	68 - 133
Hexachlorobutadiene	20.0	23.50		ug/L		118	65 - 137
Hexane	20.0	17.54		ug/L		88	25 - 150
2-Hexanone	40.0	33.59		ug/L		84	70 - 130
Iodomethane	20.0	25.90		ug/L		129	50 - 150
Isopropylbenzene	20.0	21.42		ug/L		107	76 - 125
4-Isopropyltoluene	20.0	25.05		ug/L		125	78 - 126
Methylene Chloride	20.0	21.00		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	32.39		ug/L		81	76 - 122
Methyl tert-butyl ether	20.0	18.69		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	22.96		ug/L		115	76 - 128
Naphthalene	20.0	20.25	E	ug/L		101	67 - 129
n-Butylbenzene	20.0	19.93		ug/L		100	71 - 131
n-Heptane	20.0	15.82		ug/L		79	25 - 150
N-Propylbenzene	20.0	20.83		ug/L		104	75 - 127
o-Xylene	20.0	22.50		ug/L		112	78 - 124
sec-Butylbenzene	20.0	22.30		ug/L		112	74 - 127
Styrene	20.0	23.85		ug/L		119	71 - 129
tert-Butylbenzene	20.0	21.72		ug/L		109	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.16		ug/L		111	76 - 130
1,1,2,2-Tetrachloroethane	20.0	15.83		ug/L		79	73 - 127
Tetrachloroethene	20.0	24.17		ug/L		121	74 - 129
Toluene	20.0	22.11		ug/L		111	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.52		ug/L		83	50 - 150
trans-1,2-Dichloroethene	20.0	22.08		ug/L		110	74 - 124
trans-1,3-Dichloropropene	20.0	18.39		ug/L		92	59 - 135
1,2,3-Trichlorobenzene	20.0	20.92		ug/L		105	65 - 130
1,2,4-Trichlorobenzene	20.0	19.53		ug/L		98	65 - 131
1,1,1-Trichloroethane	20.0	22.17		ug/L		111	71 - 124
1,1,2-Trichloroethane	20.0	20.27		ug/L		101	69 - 127
Trichloroethene	20.0	24.84		ug/L		124	72 - 129

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

Lab Sample ID: LCS 705-112666/1004
Matrix: Water
Analysis Batch: 112666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	22.73		ug/L		114	63 - 142
1,2,3-Trichloropropane	20.0	18.90		ug/L		94	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.15		ug/L		121	74 - 122
1,2,4-Trimethylbenzene	20.0	22.70		ug/L		113	80 - 123
1,3,5-Trimethylbenzene	20.0	21.98		ug/L		110	79 - 124
Vinyl acetate	40.0	19.07	*-	ug/L		48	50 - 150
Vinyl chloride	20.0	21.88		ug/L		109	65 - 132
Xylenes, Total	40.0	45.46		ug/L		114	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: 752-41471-7 MS
Matrix: Water
Analysis Batch: 112666

Client Sample ID: 822-SW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	100	79.27		ug/L		79	50 - 150
Benzene	ND	F1	50.0	45.46		ug/L		91	71 - 133
Bromobenzene	ND	F1	50.0	44.27		ug/L		89	73 - 130
Bromoform	ND	F1	50.0	43.18		ug/L		86	59 - 130
Bromomethane	ND	F1	50.0	51.37	E	ug/L		103	50 - 150
2-Butanone (MEK)	ND	F1	100	89.50		ug/L		89	50 - 150
Carbon disulfide	ND	F1	50.0	42.21		ug/L		84	50 - 150
Carbon tetrachloride	ND	F1	50.0	46.96		ug/L		94	70 - 139
Chlorobenzene	ND	F1	50.0	43.39		ug/L		87	78 - 128
Chlorobromomethane	ND	F1	50.0	45.10		ug/L		90	70 - 133
Chlorodibromomethane	ND	F1	50.0	43.06		ug/L		86	69 - 130
Chloroethane	ND	F1	50.0	37.70		ug/L		75	50 - 150
Chloroform	ND	F1	50.0	40.77		ug/L		82	70 - 132
Chloromethane	ND	F1	50.0	39.78		ug/L		80	50 - 150
2-Chlorotoluene	ND	F1	50.0	44.03		ug/L		88	70 - 131
4-Chlorotoluene	ND	F1	50.0	45.11		ug/L		90	72 - 130
cis-1,2-Dichloroethene	ND	F1	50.0	45.46		ug/L		91	72 - 133
cis-1,3-Dichloropropene	ND	F1	50.0	40.43		ug/L		81	70 - 128
1,2-Dibromo-3-Chloropropane	ND	F1	50.0	37.69		ug/L		75	63 - 127
Dibromomethane	ND	F1	50.0	42.44		ug/L		85	72 - 130
1,2-Dichlorobenzene	ND	F1	50.0	46.38		ug/L		93	76 - 125
1,3-Dichlorobenzene	ND	F1	50.0	45.97		ug/L		92	76 - 126
1,4-Dichlorobenzene	ND	F1	50.0	44.15		ug/L		88	76 - 124
Dichlorobromomethane	ND	F1	50.0	42.05		ug/L		84	68 - 133
1,1-Dichloroethane	ND	F1	50.0	40.63		ug/L		81	70 - 133
1,2-Dichloroethane	ND	F1	50.0	39.57		ug/L		79	71 - 133
1,1-Dichloroethene	ND	F1	50.0	43.88		ug/L		88	69 - 139
1,2-Dichloropropane	ND	F1	50.0	41.59		ug/L		83	69 - 132
1,3-Dichloropropane	ND	F1	50.0	40.08		ug/L		80	72 - 131

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

Lab Sample ID: 752-41471-7 MS
Matrix: Water
Analysis Batch: 112666

Client Sample ID: 822-SW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	ND	F1	50.0	33.84		ug/L		68	63 - 138
1,1-Dichloropropene	ND	F1	50.0	50.08		ug/L		100	77 - 138
Ethyl acetate	ND	F1	100	90.38		ug/L		90	50 - 150
Ethylbenzene	ND	F1	50.0	43.93		ug/L		88	75 - 131
Ethylene Dibromide	ND	F1	50.0	42.32		ug/L		85	76 - 129
Hexachlorobutadiene	ND	F1	50.0	48.87		ug/L		98	65 - 138
Hexane	ND	F1	50.0	34.89		ug/L		70	50 - 150
2-Hexanone	ND	F1	100	69.36		ug/L		69	50 - 150
Iodomethane	ND	F1	50.0	48.92		ug/L		98	50 - 150
Isopropylbenzene	ND	F1	50.0	48.54		ug/L		97	73 - 135
Isopropyl ether	ND	*- F1	50.0	37.56		ug/L		75	73 - 133
4-Isopropyltoluene	ND	F1	50.0	55.49	E	ug/L		111	74 - 132
Methylene Chloride	ND	F1	50.0	39.90		ug/L		80	66 - 132
4-Methyl-2-pentanone (MIBK)	ND	F1	100	75.04		ug/L		75	50 - 150
Methyl tert-butyl ether	ND	F1	50.0	39.47		ug/L		79	70 - 130
m-Xylene & p-Xylene	ND	F1	50.0	44.57		ug/L		89	73 - 133
Naphthalene	ND	F1	50.0	52.96	E	ug/L		106	63 - 134
n-Butylbenzene	ND	F1	50.0	45.23		ug/L		90	70 - 136
n-Heptane	ND		50.0	28.80		ug/L		58	50 - 150
N-Propylbenzene	ND	F1	50.0	44.76		ug/L		90	72 - 135
o-Xylene	ND	F1	50.0	44.27		ug/L		89	73 - 132
sec-Butylbenzene	ND	F1	50.0	47.85		ug/L		96	71 - 134
Styrene	ND	F1	50.0	46.90		ug/L		94	73 - 133
tert-Butylbenzene	ND	F1	50.0	64.63		ug/L		129	70 - 134
1,1,1,2-Tetrachloroethane	ND	F1	50.0	43.93		ug/L		88	69 - 133
1,1,2,2-Tetrachloroethane	ND	F1	50.0	37.37		ug/L		75	68 - 132
Tetrachloroethene	ND	F1	50.0	51.13		ug/L		102	74 - 135
Toluene	ND	F1	50.0	44.43		ug/L		89	72 - 134
trans-1,4-Dichloro-2-butene	ND	F1	50.0	35.89		ug/L		72	50 - 150
trans-1,2-Dichloroethene	ND	F1	50.0	43.42		ug/L		87	71 - 132
trans-1,3-Dichloropropene	ND	F1	50.0	39.37		ug/L		79	60 - 125
1,2,3-Trichlorobenzene	ND	F1	50.0	48.22		ug/L		96	62 - 135
1,2,4-Trichlorobenzene	ND	F1	50.0	46.50		ug/L		93	61 - 135
1,1,1-Trichloroethane	ND	F1	50.0	43.38		ug/L		87	69 - 135
1,1,2-Trichloroethane	ND	F1	50.0	41.71		ug/L		83	71 - 133
Trichloroethene	ND	F1	50.0	49.67		ug/L		99	77 - 136
Trichlorofluoromethane	ND	F1	50.0	43.66		ug/L		87	69 - 133
1,2,3-Trichloropropane	ND	F1	50.0	41.63		ug/L		83	66 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	50.0	46.31		ug/L		93	50 - 150
1,2,4-Trimethylbenzene	ND	F1	50.0	48.84		ug/L		98	74 - 133
1,3,5-Trimethylbenzene	ND	F1	50.0	47.98		ug/L		96	75 - 132
Vinyl acetate	ND	*- F1	100	94.37		ug/L		94	50 - 150
Vinyl chloride	ND	F1	50.0	42.26		ug/L		85	66 - 138
Xylenes, Total	ND	F1	100	88.84		ug/L		89	74 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*70 - 126*

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

Lab Sample ID: 752-41471-7 MS
Matrix: Water
Analysis Batch: 112666

Client Sample ID: 822-SW-4
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*96*		*79 - 119*

Lab Sample ID: 752-41471-6 DU
Matrix: Water
Analysis Batch: 112666

Client Sample ID: 822-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetone	ND			ND		ug/L				NC	30
Benzene	ND			ND		ug/L				NC	30
Bromobenzene	ND			ND		ug/L				NC	30
Bromoform	ND			ND		ug/L				NC	30
Bromomethane	ND			ND		ug/L				NC	30
2-Butanone (MEK)	ND			ND		ug/L				NC	30
Carbon disulfide	ND			ND		ug/L				NC	30
Carbon tetrachloride	ND			ND		ug/L				NC	30
Chlorobenzene	ND			ND		ug/L				NC	30
Chlorobromomethane	ND			ND		ug/L				NC	30
Chlorodibromomethane	ND			ND		ug/L				NC	30
Chloroethane	ND			ND		ug/L				NC	30
Chloroform	ND			ND		ug/L				NC	30
Chloromethane	ND			ND		ug/L				NC	30
2-Chlorotoluene	ND			ND		ug/L				NC	30
4-Chlorotoluene	ND			ND		ug/L				NC	30
cis-1,2-Dichloroethene	ND			ND		ug/L				NC	30
cis-1,3-Dichloropropene	ND			ND		ug/L				NC	30
1,2-Dibromo-3-Chloropropane	ND			ND		ug/L				NC	30
Dibromomethane	ND			ND		ug/L				NC	30
1,2-Dichlorobenzene	ND			ND		ug/L				NC	30
1,3-Dichlorobenzene	ND			ND		ug/L				NC	30
1,4-Dichlorobenzene	ND			ND		ug/L				NC	30
Dichlorobromomethane	ND			ND		ug/L				NC	30
1,1-Dichloroethane	ND			ND		ug/L				NC	30
1,2-Dichloroethane	ND			ND		ug/L				NC	30
1,1-Dichloroethene	ND			ND		ug/L				NC	30
1,2-Dichloropropane	ND			ND		ug/L				NC	30
1,3-Dichloropropane	ND			ND		ug/L				NC	30
2,2-Dichloropropane	ND			ND		ug/L				NC	30
1,1-Dichloropropene	ND			ND		ug/L				NC	30
Ethyl acetate	ND			ND		ug/L				NC	30
Ethylbenzene	ND			ND		ug/L				NC	30
Ethylene Dibromide	ND			ND		ug/L				NC	30
Hexachlorobutadiene	ND			ND		ug/L				NC	30
Hexane	ND			ND		ug/L				NC	30
2-Hexanone	ND			ND		ug/L				NC	30
Iodomethane	ND			ND		ug/L				NC	30
Isopropylbenzene	ND			ND		ug/L				NC	30
Isopropyl ether	ND	*-		ND	*-	ug/L				NC	30

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

Lab Sample ID: 752-41471-6 DU
Matrix: Water
Analysis Batch: 112666

Client Sample ID: 822-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
4-Isopropyltoluene	ND			ND		ug/L				NC	30
Methylene Chloride	ND			ND		ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	ND			ND		ug/L				NC	30
Methyl tert-butyl ether	ND			ND		ug/L				NC	30
m-Xylene & p-Xylene	ND			ND		ug/L				NC	30
Naphthalene	ND			ND		ug/L				NC	30
n-Butylbenzene	ND			ND		ug/L				NC	30
n-Heptane	ND			ND		ug/L				NC	30
N-Propylbenzene	ND			ND		ug/L				NC	30
o-Xylene	ND			ND		ug/L				NC	30
sec-Butylbenzene	ND			ND		ug/L				NC	30
Styrene	ND			ND		ug/L				NC	30
tert-Butylbenzene	ND			ND		ug/L				NC	30
1,1,1,2-Tetrachloroethane	ND			ND		ug/L				NC	30
1,1,2,2-Tetrachloroethane	ND			ND		ug/L				NC	30
Tetrachloroethene	ND			ND		ug/L				NC	30
Toluene	ND			ND		ug/L				NC	30
trans-1,4-Dichloro-2-butene	ND			ND		ug/L				NC	30
trans-1,2-Dichloroethene	ND			ND		ug/L				NC	30
trans-1,3-Dichloropropene	ND			ND		ug/L				NC	30
1,2,3-Trichlorobenzene	ND			ND		ug/L				NC	30
1,2,4-Trichlorobenzene	ND			ND		ug/L				NC	30
1,1,1-Trichloroethane	ND			ND		ug/L				NC	30
1,1,2-Trichloroethane	ND			ND		ug/L				NC	30
Trichloroethene	ND			ND		ug/L				NC	30
Trichlorofluoromethane	ND			ND		ug/L				NC	30
1,2,3-Trichloropropane	ND			ND		ug/L				NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND			ND		ug/L				NC	30
1,2,4-Trimethylbenzene	ND			ND		ug/L				NC	30
1,3,5-Trimethylbenzene	ND			ND		ug/L				NC	30
Vinyl acetate	ND	*-		ND	*-	ug/L				NC	30
Vinyl chloride	ND			ND		ug/L				NC	30
Xylenes, Total	ND			ND		ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*88*		*70 - 126*
Dibromofluoromethane	*110*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: MB 705-112958/3
Matrix: Water
Analysis Batch: 112958

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/09/26 18:03	1
Benzene	ND		1.00	0.200	ug/L			02/09/26 18:03	1
Bromobenzene	ND		1.00	0.222	ug/L			02/09/26 18:03	1
Bromoform	ND		1.00	0.458	ug/L			02/09/26 18:03	1

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

Lab Sample ID: MB 705-112958/3
Matrix: Water
Analysis Batch: 112958

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.00	0.470	ug/L			02/09/26 18:03	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/09/26 18:03	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/09/26 18:03	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/09/26 18:03	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/09/26 18:03	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/09/26 18:03	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/09/26 18:03	1
Chloroethane	ND		1.00	0.374	ug/L			02/09/26 18:03	1
Chloroform	ND		1.00	0.216	ug/L			02/09/26 18:03	1
Chloromethane	ND		1.00	0.371	ug/L			02/09/26 18:03	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/09/26 18:03	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/09/26 18:03	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/09/26 18:03	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/09/26 18:03	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/09/26 18:03	1
Dibromomethane	ND		1.00	0.318	ug/L			02/09/26 18:03	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/09/26 18:03	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/09/26 18:03	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/09/26 18:03	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/09/26 18:03	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/09/26 18:03	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/09/26 18:03	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/09/26 18:03	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/09/26 18:03	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/09/26 18:03	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/09/26 18:03	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/09/26 18:03	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/09/26 18:03	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/09/26 18:03	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/09/26 18:03	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/09/26 18:03	1
Hexane	ND		10.0	3.63	ug/L			02/09/26 18:03	1
2-Hexanone	ND		10.0	3.47	ug/L			02/09/26 18:03	1
Iodomethane	ND		2.00	0.403	ug/L			02/09/26 18:03	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/09/26 18:03	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/09/26 18:03	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/09/26 18:03	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/09/26 18:03	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/09/26 18:03	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/09/26 18:03	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/09/26 18:03	1
Naphthalene	ND		2.00	1.56	ug/L			02/09/26 18:03	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/09/26 18:03	1
n-Heptane	ND		10.0	3.05	ug/L			02/09/26 18:03	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/09/26 18:03	1
o-Xylene	ND		1.00	0.270	ug/L			02/09/26 18:03	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/09/26 18:03	1
Styrene	ND		1.00	0.194	ug/L			02/09/26 18:03	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/09/26 18:03	1

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

Lab Sample ID: MB 705-112958/3
Matrix: Water
Analysis Batch: 112958

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/09/26 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/09/26 18:03	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/09/26 18:03	1
Toluene	ND		1.00	0.197	ug/L			02/09/26 18:03	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/09/26 18:03	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/09/26 18:03	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/09/26 18:03	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/09/26 18:03	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/09/26 18:03	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/09/26 18:03	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/09/26 18:03	1
Trichloroethene	ND		1.00	0.211	ug/L			02/09/26 18:03	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/09/26 18:03	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/09/26 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/09/26 18:03	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/09/26 18:03	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/09/26 18:03	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/09/26 18:03	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/09/26 18:03	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/09/26 18:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*02/09/26 18:03*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/09/26 18:03*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/09/26 18:03*	*1*

Lab Sample ID: LCS 705-112958/1001
Matrix: Water
Analysis Batch: 112958

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	44.03		ug/L		110	25 - 150		
Isopropyl ether			20.0	22.44		ug/L		112	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*105*		*79 - 119*

Lab Sample ID: LCS 705-112958/1002
Matrix: Water
Analysis Batch: 112958

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	37.09		ug/L		93	62 - 136		
Benzene			20.0	21.25		ug/L		106	76 - 122		
Bromobenzene			20.0	22.92		ug/L		115	77 - 125		
Bromoform			20.0	19.95		ug/L		100	65 - 129		

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

Lab Sample ID: LCS 705-112958/1002
Matrix: Water
Analysis Batch: 112958

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	19.93		ug/L		100	60 - 138
2-Butanone (MEK)	40.0	39.38		ug/L		98	74 - 131
Carbon disulfide	20.0	22.72		ug/L		114	71 - 122
Carbon tetrachloride	20.0	21.36		ug/L		107	72 - 131
Chlorobenzene	20.0	21.25		ug/L		106	75 - 121
Chlorobromomethane	20.0	21.85		ug/L		109	77 - 120
Chlorodibromomethane	20.0	20.73		ug/L		104	70 - 131
Chloroethane	20.0	23.25		ug/L		116	55 - 138
Chloroform	20.0	22.42		ug/L		112	73 - 121
Chloromethane	20.0	22.54		ug/L		113	57 - 129
2-Chlorotoluene	20.0	23.25		ug/L		116	75 - 123
4-Chlorotoluene	20.0	22.92		ug/L		115	76 - 124
cis-1,2-Dichloroethene	20.0	22.14		ug/L		111	76 - 121
cis-1,3-Dichloropropene	20.0	21.45		ug/L		107	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	21.69		ug/L		108	64 - 125
Dibromomethane	20.0	20.90		ug/L		104	70 - 130
1,2-Dichlorobenzene	20.0	22.93		ug/L		115	69 - 127
1,3-Dichlorobenzene	20.0	23.02		ug/L		115	68 - 128
1,4-Dichlorobenzene	20.0	22.85		ug/L		114	68 - 126
Dichlorobromomethane	20.0	21.34		ug/L		107	70 - 124
1,1-Dichloroethane	20.0	22.20		ug/L		111	65 - 126
1,2-Dichloroethane	20.0	21.58		ug/L		108	72 - 127
1,1-Dichloroethene	20.0	23.70		ug/L		118	69 - 130
1,2-Dichloropropane	20.0	21.23		ug/L		106	71 - 121
1,3-Dichloropropane	20.0	21.08		ug/L		105	76 - 125
2,2-Dichloropropane	20.0	24.22		ug/L		121	71 - 131
1,1-Dichloropropene	20.0	21.47		ug/L		107	74 - 129
Ethylbenzene	20.0	22.16		ug/L		111	75 - 127
Ethylene Dibromide	20.0	21.37		ug/L		107	68 - 133
Hexachlorobutadiene	20.0	23.82		ug/L		119	65 - 137
Hexane	20.0	24.16		ug/L		121	25 - 150
2-Hexanone	40.0	40.63		ug/L		102	70 - 130
Iodomethane	20.0	18.48		ug/L		92	50 - 150
Isopropylbenzene	20.0	23.72		ug/L		119	76 - 125
4-Isopropyltoluene	20.0	24.01		ug/L		120	78 - 126
Methylene Chloride	20.0	22.10		ug/L		110	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	40.99		ug/L		102	76 - 122
Methyl tert-butyl ether	20.0	22.45		ug/L		112	76 - 123
m-Xylene & p-Xylene	20.0	22.37		ug/L		112	76 - 128
Naphthalene	20.0	22.45		ug/L		112	67 - 129
n-Butylbenzene	20.0	24.40		ug/L		122	71 - 131
n-Heptane	20.0	24.63		ug/L		123	25 - 150
N-Propylbenzene	20.0	23.67		ug/L		118	75 - 127
o-Xylene	20.0	22.10		ug/L		110	78 - 124
sec-Butylbenzene	20.0	24.00		ug/L		120	74 - 127
Styrene	20.0	21.81		ug/L		109	71 - 129
tert-Butylbenzene	20.0	23.74		ug/L		119	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.96		ug/L		105	76 - 130
1,1,2,2-Tetrachloroethane	20.0	22.14		ug/L		111	73 - 127

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

Lab Sample ID: LCS 705-112958/1002
Matrix: Water
Analysis Batch: 112958

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	20.0	21.72		ug/L		109	74 - 129
Toluene	20.0	21.42		ug/L		107	74 - 124
trans-1,4-Dichloro-2-butene	20.0	21.45		ug/L		107	50 - 150
trans-1,2-Dichloroethene	20.0	22.33		ug/L		112	74 - 124
trans-1,3-Dichloropropene	20.0	20.79		ug/L		104	59 - 135
1,2,3-Trichlorobenzene	20.0	22.56		ug/L		113	65 - 130
1,2,4-Trichlorobenzene	20.0	22.74		ug/L		114	65 - 131
1,1,1-Trichloroethane	20.0	22.17		ug/L		111	71 - 124
1,1,2-Trichloroethane	20.0	20.96		ug/L		105	69 - 127
Trichloroethene	20.0	20.84		ug/L		104	72 - 129
Trichlorofluoromethane	20.0	23.55		ug/L		118	63 - 142
1,2,3-Trichloropropane	20.0	22.07		ug/L		110	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.59		ug/L		118	74 - 122
1,2,4-Trimethylbenzene	20.0	23.49		ug/L		117	80 - 123
1,3,5-Trimethylbenzene	20.0	23.30		ug/L		117	79 - 124
Vinyl acetate	40.0	51.09		ug/L		128	50 - 150
Vinyl chloride	20.0	22.61		ug/L		113	65 - 132
Xylenes, Total	40.0	44.47		ug/L		111	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

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

Lab Sample ID: MB 400-737965/1-A
Matrix: Water
Analysis Batch: 738205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/31/26 14:22	02/04/26 00:58	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*83*		*40 - 150*	*01/31/26 14:22*	*02/04/26 00:58*	*1*

Lab Sample ID: LCS 400-737965/2-A
Matrix: Water
Analysis Batch: 738205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	33.3	38.20		ug/L		115	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*73*		*30 - 150*

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

Lab Sample ID: LCSD 400-737965/3-A
Matrix: Water
Analysis Batch: 738205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737965

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			33.3	39.72		ug/L		119	30 - 150	4	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*78*		*30 - 150*

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

Lab Sample ID: MB 400-738156/1-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Chlorophenol	ND		10.0	0.840	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Methylphenol	ND		10.0	0.760	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Nitroaniline	ND		10.0	1.37	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/03/26 10:23	02/06/26 16:21	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		02/03/26 10:23	02/06/26 16:21	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		02/03/26 10:23	02/06/26 16:21	1
3-Nitroaniline	ND		10.0	0.950	ug/L		02/03/26 10:23	02/06/26 16:21	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Chloroaniline	ND		10.0	0.580	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Nitroaniline	ND		10.0	3.50	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Nitrophenol	ND		10.0	2.74	ug/L		02/03/26 10:23	02/06/26 16:21	1
Acenaphthene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/06/26 16:21	1
Acenaphthylene	ND		10.0	0.760	ug/L		02/03/26 10:23	02/06/26 16:21	1
Acetophenone	ND		10.0	3.20	ug/L		02/03/26 10:23	02/06/26 16:21	1
Anthracene	ND		10.0	0.910	ug/L		02/03/26 10:23	02/06/26 16:21	1
Atrazine	ND		10.0	1.13	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzaldehyde	ND		10.0	0.670	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		02/03/26 10:23	02/06/26 16:21	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		02/03/26 10:23	02/06/26 16:21	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		02/03/26 10:23	02/06/26 16:21	1

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

Lab Sample ID: MB 400-738156/1-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		02/03/26 10:23	02/06/26 16:21	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Caprolactam	ND		10.0	2.40	ug/L		02/03/26 10:23	02/06/26 16:21	1
Carbazole	ND		10.0	0.320	ug/L		02/03/26 10:23	02/06/26 16:21	1
Chrysene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/06/26 16:21	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/03/26 10:23	02/06/26 16:21	1
Dibenzofuran	ND		10.0	0.640	ug/L		02/03/26 10:23	02/06/26 16:21	1
Diethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		02/03/26 10:23	02/06/26 16:21	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Fluoranthene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/06/26 16:21	1
Fluorene	ND		10.0	0.670	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachloroethane	ND		10.0	0.530	ug/L		02/03/26 10:23	02/06/26 16:21	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/06/26 16:21	1
Isophorone	ND		10.0	0.800	ug/L		02/03/26 10:23	02/06/26 16:21	1
Naphthalene	ND		10.0	0.750	ug/L		02/03/26 10:23	02/06/26 16:21	1
Nitrobenzene	ND		10.0	0.600	ug/L		02/03/26 10:23	02/06/26 16:21	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		02/03/26 10:23	02/06/26 16:21	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		02/03/26 10:23	02/06/26 16:21	1
Pentachlorophenol	ND		10.0	2.80	ug/L		02/03/26 10:23	02/06/26 16:21	1
Phenanthrene	ND		10.0	0.740	ug/L		02/03/26 10:23	02/06/26 16:21	1
Phenol	ND		10.0	0.680	ug/L		02/03/26 10:23	02/06/26 16:21	1
Pyrene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/06/26 16:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
2-Fluorophenol (Surr)	*62*		*10 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
Phenol-d5 (Surr)	*54*		*10 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
Terphenyl-d14 (Surr)	*68*		*28 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*

Lab Sample ID: MB 400-738167/1-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		02/03/26 10:36	02/09/26 16:32	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		02/03/26 10:36	02/09/26 16:32	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/03/26 10:36	02/09/26 16:32	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		02/03/26 10:36	02/09/26 16:32	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		02/03/26 10:36	02/09/26 16:32	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		02/03/26 10:36	02/09/26 16:32	1

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

Lab Sample ID: MB 400-738167/1-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		02/03/26 10:36	02/09/26 16:32	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		02/03/26 10:36	02/09/26 16:32	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		02/03/26 10:36	02/09/26 16:32	1
2-Chlorophenol	ND		10.0	0.840	ug/L		02/03/26 10:36	02/09/26 16:32	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		02/03/26 10:36	02/09/26 16:32	1
2-Methylphenol	ND		10.0	0.760	ug/L		02/03/26 10:36	02/09/26 16:32	1
2-Nitroaniline	ND		10.0	1.37	ug/L		02/03/26 10:36	02/09/26 16:32	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/03/26 10:36	02/09/26 16:32	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		02/03/26 10:36	02/09/26 16:32	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		02/03/26 10:36	02/09/26 16:32	1
3-Nitroaniline	ND		10.0	0.950	ug/L		02/03/26 10:36	02/09/26 16:32	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		02/03/26 10:36	02/09/26 16:32	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/03/26 10:36	02/09/26 16:32	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		02/03/26 10:36	02/09/26 16:32	1
4-Chloroaniline	ND		10.0	0.580	ug/L		02/03/26 10:36	02/09/26 16:32	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		02/03/26 10:36	02/09/26 16:32	1
4-Nitroaniline	ND		10.0	3.50	ug/L		02/03/26 10:36	02/09/26 16:32	1
4-Nitrophenol	ND		10.0	2.74	ug/L		02/03/26 10:36	02/09/26 16:32	1
Acenaphthene	ND		10.0	0.630	ug/L		02/03/26 10:36	02/09/26 16:32	1
Acenaphthylene	ND		10.0	0.760	ug/L		02/03/26 10:36	02/09/26 16:32	1
Acetophenone	ND		10.0	3.20	ug/L		02/03/26 10:36	02/09/26 16:32	1
Anthracene	ND		10.0	0.910	ug/L		02/03/26 10:36	02/09/26 16:32	1
Atrazine	ND		10.0	1.13	ug/L		02/03/26 10:36	02/09/26 16:32	1
Benzaldehyde	ND		10.0	0.670	ug/L		02/03/26 10:36	02/09/26 16:32	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/03/26 10:36	02/09/26 16:32	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:36	02/09/26 16:32	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/03/26 10:36	02/09/26 16:32	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		02/03/26 10:36	02/09/26 16:32	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		02/03/26 10:36	02/09/26 16:32	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		02/03/26 10:36	02/09/26 16:32	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		02/03/26 10:36	02/09/26 16:32	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		02/03/26 10:36	02/09/26 16:32	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		02/03/26 10:36	02/09/26 16:32	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:36	02/09/26 16:32	1
Caprolactam	ND		10.0	2.40	ug/L		02/03/26 10:36	02/09/26 16:32	1
Carbazole	ND		10.0	0.320	ug/L		02/03/26 10:36	02/09/26 16:32	1
Chrysene	ND		10.0	1.20	ug/L		02/03/26 10:36	02/09/26 16:32	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/03/26 10:36	02/09/26 16:32	1
Dibenzofuran	ND		10.0	0.640	ug/L		02/03/26 10:36	02/09/26 16:32	1
Diethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:36	02/09/26 16:32	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:36	02/09/26 16:32	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		02/03/26 10:36	02/09/26 16:32	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:36	02/09/26 16:32	1
Fluoranthene	ND		10.0	0.630	ug/L		02/03/26 10:36	02/09/26 16:32	1
Fluorene	ND		10.0	0.670	ug/L		02/03/26 10:36	02/09/26 16:32	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		02/03/26 10:36	02/09/26 16:32	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		02/03/26 10:36	02/09/26 16:32	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		02/03/26 10:36	02/09/26 16:32	1
Hexachloroethane	ND		10.0	0.530	ug/L		02/03/26 10:36	02/09/26 16:32	1

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

Lab Sample ID: MB 400-738167/1-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:36	02/09/26 16:32	1
Isophorone	ND		10.0	0.800	ug/L		02/03/26 10:36	02/09/26 16:32	1
Naphthalene	ND		10.0	0.750	ug/L		02/03/26 10:36	02/09/26 16:32	1
Nitrobenzene	ND		10.0	0.600	ug/L		02/03/26 10:36	02/09/26 16:32	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		02/03/26 10:36	02/09/26 16:32	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		02/03/26 10:36	02/09/26 16:32	1
Pentachlorophenol	ND		10.0	2.80	ug/L		02/03/26 10:36	02/09/26 16:32	1
Phenanthrene	ND		10.0	0.740	ug/L		02/03/26 10:36	02/09/26 16:32	1
Phenol	ND		10.0	0.680	ug/L		02/03/26 10:36	02/09/26 16:32	1
Pyrene	ND		10.0	0.630	ug/L		02/03/26 10:36	02/09/26 16:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*02/03/26 10:36*	*02/09/26 16:32*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/03/26 10:36*	*02/09/26 16:32*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 150*	*02/03/26 10:36*	*02/09/26 16:32*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*02/03/26 10:36*	*02/09/26 16:32*	*1*
Phenol-d5 (Surr)	*70*		*10 - 150*	*02/03/26 10:36*	*02/09/26 16:32*	*1*
Terphenyl-d14 (Surr)	*67*		*28 - 150*	*02/03/26 10:36*	*02/09/26 16:32*	*1*

Lab Sample ID: LCS 400-738167/2-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738167

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.24		ug/L		58	27 - 120
2,4,5-Trichlorophenol	33.3	22.24		ug/L		67	27 - 136
2,4,6-Trichlorophenol	33.3	21.78		ug/L		65	21 - 132
2,4-Dichlorophenol	33.3	22.30		ug/L		67	30 - 125
2,4-Dimethylphenol	33.3	21.11		ug/L		63	10 - 142
2,4-Dinitrophenol	66.7	56.34		ug/L		85	10 - 150
2,4-Dinitrotoluene	33.3	23.87		ug/L		72	30 - 129
2,6-Dinitrotoluene	33.3	24.63		ug/L		74	34 - 132
2-Chloronaphthalene	33.3	24.20		ug/L		73	10 - 150
2-Chlorophenol	33.3	21.46		ug/L		64	28 - 127
2-Methylnaphthalene	33.3	20.37		ug/L		61	24 - 150
2-Methylphenol	33.3	23.43		ug/L		70	11 - 121
2-Nitroaniline	33.3	23.17		ug/L		70	31 - 141
2-Nitrophenol	33.3	22.55		ug/L		68	31 - 142
3 & 4 Methylphenol	33.3	24.76		ug/L		74	10 - 150
3,3'-Dichlorobenzidine	66.7	34.99		ug/L		52	10 - 150
3-Nitroaniline	33.3	23.21		ug/L		70	33 - 136
4,6-Dinitro-2-methylphenol	66.7	49.84		ug/L		75	10 - 150
4-Bromophenyl phenyl ether	33.3	21.42		ug/L		64	24 - 120
4-Chloro-3-methylphenol	33.3	23.05		ug/L		69	10 - 137
4-Chloroaniline	33.3	22.58		ug/L		68	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.12		ug/L		66	31 - 110
4-Nitroaniline	33.3	22.41		ug/L		67	37 - 139
4-Nitrophenol	66.7	60.98		ug/L		91	10 - 150

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

Lab Sample ID: LCS 400-738167/2-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738167

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	33.3	20.83		ug/L		62	29 - 150
Acenaphthylene	33.3	22.15		ug/L		66	30 - 150
Acetophenone	33.3	23.58		ug/L		71	27 - 119
Anthracene	33.3	23.13		ug/L		69	31 - 150
Atrazine	33.3	18.96		ug/L		57	10 - 150
Benzaldehyde	33.3	13.95		ug/L		42	10 - 150
Benzo[a]anthracene	33.3	23.39		ug/L		70	36 - 150
Benzo[a]pyrene	33.3	22.66		ug/L		68	29 - 150
Benzo[b]fluoranthene	33.3	23.15		ug/L		69	32 - 150
Benzo[g,h,i]perylene	33.3	21.29		ug/L		64	28 - 150
Benzo[k]fluoranthene	33.3	22.90		ug/L		69	30 - 150
bis (2-chloroisopropyl) ether	33.3	21.67		ug/L		65	32 - 115
Bis(2-chloroethoxy)methane	33.3	24.12		ug/L		72	34 - 120
Bis(2-chloroethyl)ether	33.3	20.25		ug/L		61	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.24		ug/L		73	24 - 133
Butyl benzyl phthalate	33.3	20.74		ug/L		62	24 - 140
Caprolactam	33.3	27.59		ug/L		83	10 - 150
Carbazole	33.3	21.57		ug/L		65	28 - 123
Chrysene	33.3	20.95		ug/L		63	34 - 150
Dibenz(a,h)anthracene	33.3	21.62		ug/L		65	29 - 150
Dibenzofuran	33.3	20.60		ug/L		62	35 - 110
Diethyl phthalate	33.3	13.74		ug/L		41	31 - 118
Dimethyl phthalate	33.3	14.28		ug/L		43	24 - 125
Di-n-butyl phthalate	33.3	18.02		ug/L		54	30 - 127
Di-n-octyl phthalate	33.3	23.26		ug/L		70	28 - 142
Fluoranthene	33.3	22.39		ug/L		67	30 - 150
Fluorene	33.3	21.48		ug/L		64	30 - 150
Hexachlorobenzene	33.3	20.62		ug/L		62	29 - 113
Hexachlorobutadiene	33.3	8.716	J	ug/L		26	10 - 117
Hexachlorocyclopentadiene	33.3	9.478	J	ug/L		28	10 - 150
Hexachloroethane	33.3	10.72		ug/L		32	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.58		ug/L		65	28 - 150
Isophorone	33.3	22.96		ug/L		69	29 - 125
Naphthalene	33.3	18.78		ug/L		56	27 - 150
Nitrobenzene	33.3	23.48		ug/L		70	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.72		ug/L		65	50 - 134
N-Nitrosodiphenylamine	33.1	21.62		ug/L		65	50 - 132
Pentachlorophenol	66.7	49.47		ug/L		74	14 - 150
Phenanthrene	33.3	22.02		ug/L		66	32 - 150
Phenol	33.3	24.60		ug/L		74	10 - 150
Pyrene	33.3	22.77		ug/L		68	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*
2-Fluorobiphenyl (Surr)	*60*		*25 - 139*
2-Fluorophenol (Surr)	*74*		*10 - 150*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*
Phenol-d5 (Surr)	*81*		*10 - 150*

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

Lab Sample ID: LCS 400-738167/2-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738167

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	62		28 - 150

Lab Sample ID: LCSD 400-738167/3-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 738167

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	19.68		ug/L		59	27 - 120	2	40
2,4,5-Trichlorophenol			33.3	22.78		ug/L		68	27 - 136	2	40
2,4,6-Trichlorophenol			33.3	22.35		ug/L		67	21 - 132	3	40
2,4-Dichlorophenol			33.3	22.92		ug/L		69	30 - 125	3	40
2,4-Dimethylphenol			33.3	21.62		ug/L		65	10 - 142	2	40
2,4-Dinitrophenol			66.7	58.29		ug/L		87	10 - 150	3	40
2,4-Dinitrotoluene			33.3	25.13		ug/L		75	30 - 129	5	40
2,6-Dinitrotoluene			33.3	25.63		ug/L		77	34 - 132	4	40
2-Chloronaphthalene			33.3	20.92		ug/L		63	10 - 150	15	40
2-Chlorophenol			33.3	22.57		ug/L		68	28 - 127	5	40
2-Methylnaphthalene			33.3	20.66		ug/L		62	24 - 150	1	40
2-Methylphenol			33.3	23.39		ug/L		70	11 - 121	0	40
2-Nitroaniline			33.3	24.28		ug/L		73	31 - 141	5	40
2-Nitrophenol			33.3	23.23		ug/L		70	31 - 142	3	40
3 & 4 Methylphenol			33.3	25.67		ug/L		77	10 - 150	4	40
3,3'-Dichlorobenzidine			66.7	35.28		ug/L		53	10 - 150	1	40
3-Nitroaniline			33.3	24.35		ug/L		73	33 - 136	5	40
4,6-Dinitro-2-methylphenol			66.7	52.67		ug/L		79	10 - 150	6	40
4-Bromophenyl phenyl ether			33.3	22.02		ug/L		66	24 - 120	3	40
4-Chloro-3-methylphenol			33.3	23.85		ug/L		72	10 - 137	3	40
4-Chloroaniline			33.3	23.20		ug/L		70	10 - 150	3	40
4-Chlorophenyl phenyl ether			33.3	22.76		ug/L		68	31 - 110	3	40
4-Nitroaniline			33.3	23.31		ug/L		70	37 - 139	4	40
4-Nitrophenol			66.7	61.73		ug/L		93	10 - 150	1	40
Acenaphthene			33.3	21.16		ug/L		63	29 - 150	2	40
Acenaphthylene			33.3	22.59		ug/L		68	30 - 150	2	40
Acetophenone			33.3	24.27		ug/L		73	27 - 119	3	40
Anthracene			33.3	23.64		ug/L		71	31 - 150	2	40
Atrazine			33.3	19.22		ug/L		58	10 - 150	1	40
Benzaldehyde			33.3	15.16		ug/L		45	10 - 150	8	40
Benzo[a]anthracene			33.3	23.83		ug/L		72	36 - 150	2	40
Benzo[a]pyrene			33.3	22.61		ug/L		68	29 - 150	0	40
Benzo[b]fluoranthene			33.3	23.23		ug/L		70	32 - 150	0	40
Benzo[g,h,i]perylene			33.3	21.53		ug/L		65	28 - 150	1	40
Benzo[k]fluoranthene			33.3	23.23		ug/L		70	30 - 150	1	40
bis (2-chloroisopropyl) ether			33.3	22.69		ug/L		68	32 - 115	5	40
Bis(2-chloroethoxy)methane			33.3	24.00		ug/L		72	34 - 120	0	40
Bis(2-chloroethyl)ether			33.3	21.32		ug/L		64	32 - 114	5	40
Bis(2-ethylhexyl) phthalate			33.3	25.00		ug/L		75	24 - 133	3	40
Butyl benzyl phthalate			33.3	21.68		ug/L		65	24 - 140	4	40
Caprolactam			33.3	28.54		ug/L		86	10 - 150	3	40

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

Lab Sample ID: LCSD 400-738167/3-A
Matrix: Water
Analysis Batch: 738719

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 738167

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbazole			33.3	22.30		ug/L		67	28 - 123	3	40
Chrysene			33.3	21.70		ug/L		65	34 - 150	4	40
Dibenz(a,h)anthracene			33.3	22.04		ug/L		66	29 - 150	2	40
Dibenzofuran			33.3	21.46		ug/L		64	35 - 110	4	40
Diethyl phthalate			33.3	14.87		ug/L		45	31 - 118	8	40
Dimethyl phthalate			33.3	15.39		ug/L		46	24 - 125	7	40
Di-n-butyl phthalate			33.3	18.96		ug/L		57	30 - 127	5	40
Di-n-octyl phthalate			33.3	24.13		ug/L		72	28 - 142	4	40
Fluoranthene			33.3	22.81		ug/L		68	30 - 150	2	40
Fluorene			33.3	21.81		ug/L		65	30 - 150	1	40
Hexachlorobenzene			33.3	21.20		ug/L		64	29 - 113	3	40
Hexachlorobutadiene			33.3	8.779	J	ug/L		26	10 - 117	1	40
Hexachlorocyclopentadiene			33.3	10.02	J	ug/L		30	10 - 150	6	40
Hexachloroethane			33.3	11.22		ug/L		34	10 - 112	5	40
Indeno[1,2,3-cd]pyrene			33.3	21.63		ug/L		65	28 - 150	0	40
Isophorone			33.3	23.94		ug/L		72	29 - 125	4	40
Naphthalene			33.3	18.98		ug/L		57	27 - 150	1	40
Nitrobenzene			33.3	24.46		ug/L		73	29 - 129	4	40
N-Nitrosodi-n-propylamine			33.3	23.17		ug/L		69	50 - 134	6	40
N-Nitrosodiphenylamine			33.1	22.69		ug/L		69	50 - 132	5	40
Pentachlorophenol			66.7	51.70		ug/L		78	14 - 150	4	40
Phenanthrene			33.3	22.42		ug/L		67	32 - 150	2	40
Phenol			33.3	25.22		ug/L		76	10 - 150	2	40
Pyrene			33.3	23.31		ug/L		70	30 - 150	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*
2-Fluorophenol (Surr)	*81*		*10 - 150*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*
Phenol-d5 (Surr)	*86*		*10 - 150*
Terphenyl-d14 (Surr)	*66*		*28 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-111493/1-A
Matrix: Water
Analysis Batch: 112531

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/02/26 14:42	02/06/26 00:40	1
Arsenic	ND		5.00	1.32	ug/L		02/02/26 14:42	02/06/26 00:40	1
Barium	ND		10.0	0.410	ug/L		02/02/26 14:42	02/06/26 00:40	1
Beryllium	ND		1.00	0.147	ug/L		02/02/26 14:42	02/06/26 00:40	1
Cadmium	ND		0.700	0.237	ug/L		02/02/26 14:42	02/06/26 00:40	1
Chromium	ND		5.00	3.69	ug/L		02/02/26 14:42	02/06/26 00:40	1
Cobalt	ND		5.00	0.411	ug/L		02/02/26 14:42	02/06/26 00:40	1
Copper	ND		2.00	0.642	ug/L		02/02/26 14:42	02/06/26 00:40	1
Lead	ND		1.00	0.864	ug/L		02/02/26 14:42	02/06/26 00:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-111493/1-A
Matrix: Water
Analysis Batch: 112531

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		5.00	1.29	ug/L		02/02/26 14:42	02/06/26 00:40	1
Selenium	ND		5.00	2.29	ug/L		02/02/26 14:42	02/06/26 00:40	1
Silver	ND		1.00	0.167	ug/L		02/02/26 14:42	02/06/26 00:40	1
Thallium	ND		1.00	0.190	ug/L		02/02/26 14:42	02/06/26 00:40	1
Vanadium	ND		5.00	1.22	ug/L		02/02/26 14:42	02/06/26 00:40	1
Zinc	ND		10.0	8.91	ug/L		02/02/26 14:42	02/06/26 00:40	1

Lab Sample ID: MB 705-111493/1-A
Matrix: Water
Analysis Batch: 112826

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		5.00	0.422	ug/L		02/02/26 14:42	02/06/26 18:23	1

Lab Sample ID: LCS 705-111493/2-A
Matrix: Water
Analysis Batch: 112531

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	95.84		ug/L		96	80 - 120
Arsenic	100	92.01		ug/L		92	80 - 120
Barium	100	100.1		ug/L		100	80 - 120
Beryllium	100	101.3		ug/L		101	80 - 120
Cadmium	100	99.38		ug/L		99	80 - 120
Chromium	100	94.26		ug/L		94	80 - 120
Cobalt	100	98.98		ug/L		99	80 - 120
Copper	100	96.98		ug/L		97	80 - 120
Lead	100	104.2		ug/L		104	80 - 120
Manganese	100	104.8		ug/L		105	80 - 120
Nickel	100	94.21		ug/L		94	80 - 120
Selenium	100	103.1		ug/L		103	80 - 120
Silver	10.0	10.81		ug/L		108	80 - 120
Thallium	100	109.7		ug/L		110	80 - 120
Vanadium	100	103.3		ug/L		103	80 - 120
Zinc	100	104.3		ug/L		104	80 - 120

Lab Sample ID: 752-41471-D-2-B MS
Matrix: Water
Analysis Batch: 112531

Client Sample ID: 752-41471-D-2-B MS
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		100	96.29		ug/L		96	75 - 125
Arsenic	ND		100	86.59		ug/L		87	75 - 125
Barium	69.1		100	163.1		ug/L		94	75 - 125
Beryllium	ND		100	102.3		ug/L		102	75 - 125
Cadmium	ND		100	98.59		ug/L		99	75 - 125
Chromium	ND		100	88.40		ug/L		88	75 - 125
Cobalt	ND		100	87.37		ug/L		87	75 - 125
Copper	2.40		100	93.47		ug/L		91	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-41471-D-2-B MS
Matrix: Water
Analysis Batch: 112531

Client Sample ID: 752-41471-D-2-B MS
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		100	104.3		ug/L		104	75 - 125
Manganese	92.9		100	193.9		ug/L		101	75 - 125
Nickel	ND		100	89.05		ug/L		89	75 - 125
Selenium	ND		100	101.7		ug/L		102	75 - 125
Silver	ND		10.0	10.05		ug/L		100	75 - 125
Thallium	ND		100	107.1		ug/L		107	75 - 125
Vanadium	ND		100	100.0		ug/L		100	75 - 125
Zinc	14.1		100	111.8		ug/L		98	75 - 125

Lab Sample ID: 752-41471-D-2-C MSD
Matrix: Water
Analysis Batch: 112531

Client Sample ID: 752-41471-D-2-C MSD
Prep Type: Total Recoverable
Prep Batch: 111493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		100	95.61		ug/L		96	75 - 125	1	20
Arsenic	ND		100	89.14		ug/L		89	75 - 125	3	20
Barium	69.1		100	158.6		ug/L		90	75 - 125	3	20
Beryllium	ND		100	100.6		ug/L		101	75 - 125	2	20
Cadmium	ND		100	97.78		ug/L		98	75 - 125	1	20
Chromium	ND		100	91.63		ug/L		92	75 - 125	4	20
Cobalt	ND		100	91.46		ug/L		91	75 - 125	5	20
Copper	2.40		100	96.42		ug/L		94	75 - 125	3	20
Lead	ND		100	102.3		ug/L		102	75 - 125	2	20
Manganese	92.9		100	192.7		ug/L		100	75 - 125	1	20
Nickel	ND		100	90.40		ug/L		90	75 - 125	2	20
Selenium	ND		100	100.2		ug/L		100	75 - 125	1	20
Silver	ND		10.0	10.24		ug/L		102	75 - 125	2	20
Thallium	ND		100	106.0		ug/L		106	75 - 125	1	20
Vanadium	ND		100	95.91		ug/L		96	75 - 125	4	20
Zinc	14.1		100	109.4		ug/L		95	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-112551/1-A
Matrix: Water
Analysis Batch: 113035

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/09/26 08:31	02/09/26 13:12	1

Lab Sample ID: LCS 705-112551/2-A
Matrix: Water
Analysis Batch: 113035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.227		ug/L		106	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 752-41471-1 MS — **Client Sample ID: 822-SW-9**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113035 — **Prep Batch: 112551**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	F1 F2	4.00	1.529	F1	ug/L		38	75 - 125

Lab Sample ID: 752-41471-1 MSD — **Client Sample ID: 822-SW-9**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113035 — **Prep Batch: 112551**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	F1 F2	4.00	4.266	F2	ug/L		107	75 - 125	94	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14738/62 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			02/04/26 12:49	1

Lab Sample ID: LCS 752-14738/63 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.026		mg/L		101	90 - 110

Lab Sample ID: 752-41471-3 MS — **Client Sample ID: 822-SW-7**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND		0.395	0.4220		mg/L		107	90 - 110

Lab Sample ID: 752-41471-3 MSD — **Client Sample ID: 822-SW-7**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND		0.395	0.3822		mg/L		97	90 - 110	10	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14729/11 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 14729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			01/30/26 15:54	1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: MB 752-14729/42
Matrix: Water
Analysis Batch: 14729

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			01/30/26 16:24	1

Lab Sample ID: LCS 752-14729/45
Matrix: Water
Analysis Batch: 14729

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	0.9616		mg/L		96	90 - 110		

Lab Sample ID: 752-41471-10 MS
Matrix: Water
Analysis Batch: 14729

Client Sample ID: 822-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	ND		1.00	0.9895		mg/L		99	90 - 110		

Lab Sample ID: 752-41471-10 MSD
Matrix: Water
Analysis Batch: 14729

Client Sample ID: 822-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
Nitrite as N	ND		1.00	1.002		mg/L		100	90 - 110	1	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-888219/40
Matrix: Water
Analysis Batch: 888219

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			01/31/26 19:34	1

Lab Sample ID: MB 680-888219/57
Matrix: Water
Analysis Batch: 888219

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			01/31/26 20:11	1

Lab Sample ID: LCS 680-888219/41
Matrix: Water
Analysis Batch: 888219

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	1.041		mg/L		104	90 - 110		

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 680-888219/56
Matrix: Water
Analysis Batch: 888219

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	1.026		mg/L		103	90 - 110		

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-738589/12
Matrix: Water
Analysis Batch: 738589

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			02/06/26 11:09	1

Lab Sample ID: LCS 400-738589/13
Matrix: Water
Analysis Batch: 738589

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	13.86		mg/L		92	90 - 110		

Lab Sample ID: MRL 400-738589/14
Matrix: Water
Analysis Batch: 738589

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	3.762	J	mg/L		75	50 - 150		

Lab Sample ID: 752-41471-1 MS
Matrix: Water
Analysis Batch: 738589

Client Sample ID: 822-SW-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	24.1	F1 F2	10.0	30.94	F1	mg/L		68	77 - 128		

Lab Sample ID: 752-41471-1 MSD
Matrix: Water
Analysis Batch: 738589

Client Sample ID: 822-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	24.1	F1 F2	10.0	33.47	F2	mg/L		93	77 - 128	8	5

QC Association Summary

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

Job ID: 752-41471-1

GC/MS VOA

Analysis Batch: 112647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-11	Trip Blank	Total/NA	Water	8260D	
MB 705-112647/9	Method Blank	Total/NA	Water	8260D	
LCS 705-112647/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112647/1004	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 112666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	8260D	
752-41471-2	822-SW-8	Total/NA	Water	8260D	
752-41471-3	822-SW-7	Total/NA	Water	8260D	
752-41471-4	822-SW-6	Total/NA	Water	8260D	
752-41471-5	822-SW-Dup	Total/NA	Water	8260D	
752-41471-6	822-SW-5	Total/NA	Water	8260D	
752-41471-7	822-SW-4	Total/NA	Water	8260D	
752-41471-8	822-SW-3	Total/NA	Water	8260D	
752-41471-9	822-SW-2	Total/NA	Water	8260D	
752-41471-10	822-SW-1	Total/NA	Water	8260D	
MB 705-112666/9	Method Blank	Total/NA	Water	8260D	
LCS 705-112666/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112666/1004	Lab Control Sample	Total/NA	Water	8260D	
752-41471-7 MS	822-SW-4	Total/NA	Water	8260D	
752-41471-6 DU	822-SW-5	Total/NA	Water	8260D	

Analysis Batch: 112958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-11	Trip Blank	Total/NA	Water	8260D	
MB 705-112958/3	Method Blank	Total/NA	Water	8260D	
LCS 705-112958/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112958/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	3511	
752-41471-2	822-SW-8	Total/NA	Water	3511	
752-41471-3	822-SW-7	Total/NA	Water	3511	
752-41471-4	822-SW-6	Total/NA	Water	3511	
752-41471-5	822-SW-Dup	Total/NA	Water	3511	
752-41471-6	822-SW-5	Total/NA	Water	3511	
752-41471-7	822-SW-4	Total/NA	Water	3511	
752-41471-8	822-SW-3	Total/NA	Water	3511	
752-41471-9	822-SW-2	Total/NA	Water	3511	
752-41471-10	822-SW-1	Total/NA	Water	3511	
MB 400-737965/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737965/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737965/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 738156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 738156 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-2	822-SW-8	Total/NA	Water	3511	
752-41471-3	822-SW-7	Total/NA	Water	3511	
752-41471-4	822-SW-6	Total/NA	Water	3511	
MB 400-738156/1-A	Method Blank	Total/NA	Water	3511	

Prep Batch: 738167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-5	822-SW-Dup	Total/NA	Water	3511	
752-41471-6	822-SW-5	Total/NA	Water	3511	
752-41471-7	822-SW-4	Total/NA	Water	3511	
752-41471-8	822-SW-3	Total/NA	Water	3511	
752-41471-9	822-SW-2	Total/NA	Water	3511	
752-41471-10	822-SW-1	Total/NA	Water	3511	
MB 400-738167/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-738167/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-738167/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 738205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	8270E	737965
752-41471-2	822-SW-8	Total/NA	Water	8270E	737965
752-41471-3	822-SW-7	Total/NA	Water	8270E	737965
752-41471-4	822-SW-6	Total/NA	Water	8270E	737965
752-41471-5	822-SW-Dup	Total/NA	Water	8270E	737965
752-41471-6	822-SW-5	Total/NA	Water	8270E	737965
752-41471-7	822-SW-4	Total/NA	Water	8270E	737965
752-41471-8	822-SW-3	Total/NA	Water	8270E	737965
752-41471-9	822-SW-2	Total/NA	Water	8270E	737965
752-41471-10	822-SW-1	Total/NA	Water	8270E	737965
MB 400-737965/1-A	Method Blank	Total/NA	Water	8270E	737965
LCS 400-737965/2-A	Lab Control Sample	Total/NA	Water	8270E	737965
LCSD 400-737965/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737965

Analysis Batch: 738552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-738156/1-A	Method Blank	Total/NA	Water	8270E	738156

Analysis Batch: 738719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-738167/1-A	Method Blank	Total/NA	Water	8270E	738167
LCS 400-738167/2-A	Lab Control Sample	Total/NA	Water	8270E	738167
LCSD 400-738167/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	738167

Analysis Batch: 738724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	8270E	738156
752-41471-2	822-SW-8	Total/NA	Water	8270E	738156
752-41471-3	822-SW-7	Total/NA	Water	8270E	738156
752-41471-4	822-SW-6	Total/NA	Water	8270E	738156
752-41471-5	822-SW-Dup	Total/NA	Water	8270E	738167
752-41471-6	822-SW-5	Total/NA	Water	8270E	738167

GC/MS Semi VOA (Continued)

Analysis Batch: 738724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-7	822-SW-4	Total/NA	Water	8270E	738167
752-41471-8	822-SW-3	Total/NA	Water	8270E	738167
752-41471-9	822-SW-2	Total/NA	Water	8270E	738167
752-41471-10	822-SW-1	Total/NA	Water	8270E	738167

Metals

Prep Batch: 111493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total Recoverable	Water	3005A	
752-41471-2	822-SW-8	Total Recoverable	Water	3005A	
752-41471-3	822-SW-7	Total Recoverable	Water	3005A	
752-41471-4	822-SW-6	Total Recoverable	Water	3005A	
752-41471-5	822-SW-Dup	Total Recoverable	Water	3005A	
752-41471-6	822-SW-5	Total Recoverable	Water	3005A	
752-41471-7	822-SW-4	Total Recoverable	Water	3005A	
752-41471-8	822-SW-3	Total Recoverable	Water	3005A	
752-41471-9	822-SW-2	Total Recoverable	Water	3005A	
752-41471-10	822-SW-1	Total Recoverable	Water	3005A	
MB 705-111493/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-111493/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-41471-D-2-B MS	752-41471-D-2-B MS	Total Recoverable	Water	3005A	
752-41471-D-2-C MSD	752-41471-D-2-C MSD	Total Recoverable	Water	3005A	

Analysis Batch: 112531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total Recoverable	Water	6020B	111493
752-41471-2	822-SW-8	Total Recoverable	Water	6020B	111493
752-41471-3	822-SW-7	Total Recoverable	Water	6020B	111493
752-41471-4	822-SW-6	Total Recoverable	Water	6020B	111493
752-41471-5	822-SW-Dup	Total Recoverable	Water	6020B	111493
752-41471-6	822-SW-5	Total Recoverable	Water	6020B	111493
752-41471-7	822-SW-4	Total Recoverable	Water	6020B	111493
752-41471-8	822-SW-3	Total Recoverable	Water	6020B	111493
752-41471-9	822-SW-2	Total Recoverable	Water	6020B	111493
752-41471-10	822-SW-1	Total Recoverable	Water	6020B	111493
MB 705-111493/1-A	Method Blank	Total Recoverable	Water	6020B	111493
LCS 705-111493/2-A	Lab Control Sample	Total Recoverable	Water	6020B	111493
752-41471-D-2-B MS	752-41471-D-2-B MS	Total Recoverable	Water	6020B	111493
752-41471-D-2-C MSD	752-41471-D-2-C MSD	Total Recoverable	Water	6020B	111493

Prep Batch: 112551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	7470A	
752-41471-2	822-SW-8	Total/NA	Water	7470A	
752-41471-3	822-SW-7	Total/NA	Water	7470A	
752-41471-4	822-SW-6	Total/NA	Water	7470A	
752-41471-5	822-SW-Dup	Total/NA	Water	7470A	
752-41471-6	822-SW-5	Total/NA	Water	7470A	
752-41471-7	822-SW-4	Total/NA	Water	7470A	
752-41471-8	822-SW-3	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 112551 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-9	822-SW-2	Total/NA	Water	7470A	
752-41471-10	822-SW-1	Total/NA	Water	7470A	
MB 705-112551/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-112551/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-41471-1 MS	822-SW-9	Total/NA	Water	7470A	
752-41471-1 MSD	822-SW-9	Total/NA	Water	7470A	

Analysis Batch: 112826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total Recoverable	Water	6020B	111493
752-41471-3	822-SW-7	Total Recoverable	Water	6020B	111493
752-41471-4	822-SW-6	Total Recoverable	Water	6020B	111493
752-41471-5	822-SW-Dup	Total Recoverable	Water	6020B	111493
752-41471-6	822-SW-5	Total Recoverable	Water	6020B	111493
752-41471-7	822-SW-4	Total Recoverable	Water	6020B	111493
752-41471-8	822-SW-3	Total Recoverable	Water	6020B	111493
752-41471-9	822-SW-2	Total Recoverable	Water	6020B	111493
752-41471-10	822-SW-1	Total Recoverable	Water	6020B	111493
MB 705-111493/1-A	Method Blank	Total Recoverable	Water	6020B	111493

Analysis Batch: 113035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	7470A	112551
752-41471-2	822-SW-8	Total/NA	Water	7470A	112551
752-41471-3	822-SW-7	Total/NA	Water	7470A	112551
752-41471-4	822-SW-6	Total/NA	Water	7470A	112551
752-41471-5	822-SW-Dup	Total/NA	Water	7470A	112551
752-41471-6	822-SW-5	Total/NA	Water	7470A	112551
752-41471-7	822-SW-4	Total/NA	Water	7470A	112551
752-41471-8	822-SW-3	Total/NA	Water	7470A	112551
752-41471-9	822-SW-2	Total/NA	Water	7470A	112551
752-41471-10	822-SW-1	Total/NA	Water	7470A	112551
MB 705-112551/1-A	Method Blank	Total/NA	Water	7470A	112551
LCS 705-112551/2-A	Lab Control Sample	Total/NA	Water	7470A	112551
752-41471-1 MS	822-SW-9	Total/NA	Water	7470A	112551
752-41471-1 MSD	822-SW-9	Total/NA	Water	7470A	112551

General Chemistry

Analysis Batch: 14729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	353.2	
752-41471-2	822-SW-8	Total/NA	Water	353.2	
752-41471-3	822-SW-7	Total/NA	Water	353.2	
752-41471-4	822-SW-6	Total/NA	Water	353.2	
752-41471-5	822-SW-Dup	Total/NA	Water	353.2	
752-41471-6	822-SW-5	Total/NA	Water	353.2	
752-41471-7	822-SW-4	Total/NA	Water	353.2	
752-41471-8	822-SW-3	Total/NA	Water	353.2	
752-41471-9	822-SW-2	Total/NA	Water	353.2	
752-41471-10	822-SW-1	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 14729 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 752-14729/11	Method Blank	Total/NA	Water	353.2	
MB 752-14729/42	Method Blank	Total/NA	Water	353.2	
LCS 752-14729/45	Lab Control Sample	Total/NA	Water	353.2	
752-41471-10 MS	822-SW-1	Total/NA	Water	353.2	
752-41471-10 MSD	822-SW-1	Total/NA	Water	353.2	

Analysis Batch: 14738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	350.1	
752-41471-2	822-SW-8	Total/NA	Water	350.1	
752-41471-3	822-SW-7	Total/NA	Water	350.1	
752-41471-4	822-SW-6	Total/NA	Water	350.1	
752-41471-5	822-SW-Dup	Total/NA	Water	350.1	
752-41471-6	822-SW-5	Total/NA	Water	350.1	
752-41471-7	822-SW-4	Total/NA	Water	350.1	
752-41471-8	822-SW-3	Total/NA	Water	350.1	
752-41471-9	822-SW-2	Total/NA	Water	350.1	
752-41471-10	822-SW-1	Total/NA	Water	350.1	
MB 752-14738/62	Method Blank	Total/NA	Water	350.1	
LCS 752-14738/63	Lab Control Sample	Total/NA	Water	350.1	
752-41471-3 MS	822-SW-7	Total/NA	Water	350.1	
752-41471-3 MSD	822-SW-7	Total/NA	Water	350.1	

Analysis Batch: 738589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	SM 4500 SO4 E	
752-41471-2	822-SW-8	Total/NA	Water	SM 4500 SO4 E	
752-41471-3	822-SW-7	Total/NA	Water	SM 4500 SO4 E	
752-41471-4	822-SW-6	Total/NA	Water	SM 4500 SO4 E	
752-41471-5	822-SW-Dup	Total/NA	Water	SM 4500 SO4 E	
752-41471-6	822-SW-5	Total/NA	Water	SM 4500 SO4 E	
752-41471-7	822-SW-4	Total/NA	Water	SM 4500 SO4 E	
752-41471-8	822-SW-3	Total/NA	Water	SM 4500 SO4 E	
752-41471-9	822-SW-2	Total/NA	Water	SM 4500 SO4 E	
752-41471-10	822-SW-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-738589/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-738589/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-738589/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-41471-1 MS	822-SW-9	Total/NA	Water	SM 4500 SO4 E	
752-41471-1 MSD	822-SW-9	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 888219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	353.2-1993 R2.0	
752-41471-2	822-SW-8	Total/NA	Water	353.2-1993 R2.0	
752-41471-3	822-SW-7	Total/NA	Water	353.2-1993 R2.0	
752-41471-4	822-SW-6	Total/NA	Water	353.2-1993 R2.0	
752-41471-5	822-SW-Dup	Total/NA	Water	353.2-1993 R2.0	
752-41471-6	822-SW-5	Total/NA	Water	353.2-1993 R2.0	
752-41471-7	822-SW-4	Total/NA	Water	353.2-1993 R2.0	
752-41471-8	822-SW-3	Total/NA	Water	353.2-1993 R2.0	

General Chemistry (Continued)

Analysis Batch: 888219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-9	822-SW-2	Total/NA	Water	353.2-1993 R2.0	
752-41471-10	822-SW-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-888219/40	Method Blank	Total/NA	Water	353.2-1993 R2.0	
MB 680-888219/57	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888219/41	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888219/56	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 888225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41471-1	822-SW-9	Total/NA	Water	Nitrate by calc	
752-41471-2	822-SW-8	Total/NA	Water	Nitrate by calc	
752-41471-3	822-SW-7	Total/NA	Water	Nitrate by calc	
752-41471-4	822-SW-6	Total/NA	Water	Nitrate by calc	
752-41471-5	822-SW-Dup	Total/NA	Water	Nitrate by calc	
752-41471-6	822-SW-5	Total/NA	Water	Nitrate by calc	
752-41471-7	822-SW-4	Total/NA	Water	Nitrate by calc	
752-41471-8	822-SW-3	Total/NA	Water	Nitrate by calc	
752-41471-9	822-SW-2	Total/NA	Water	Nitrate by calc	
752-41471-10	822-SW-1	Total/NA	Water	Nitrate by calc	

Lab Chronicle

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-9

Lab Sample ID: 752-41471-1

Date Collected: 01/29/26 09:00
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 22:47
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 02:30
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 13:48
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 01:39
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:09
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:19
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:14
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:16
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:00
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:19

Client Sample ID: 822-SW-8

Lab Sample ID: 752-41471-2

Date Collected: 01/29/26 09:45
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 23:12
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 03:00
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 14:19
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 00:45
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:29
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:15
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:17
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:02
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:20

Client Sample ID: 822-SW-7

Lab Sample ID: 752-41471-3

Date Collected: 01/29/26 10:30
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 23:37

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41471-1
Project/Site: Lyon Park

Client Sample ID: 822-SW-7
Lab Sample ID: 752-41471-3
Date Collected: 01/29/26 10:30
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 03:30
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 14:51
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 01:42
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:11
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:32
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:20
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:18
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:04
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:21

Client Sample ID: 822-SW-6
Lab Sample ID: 752-41471-4
Date Collected: 01/29/26 11:15
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/08/26 00:02
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 04:00
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 15:23
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 01:44
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:14
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:36
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:26
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:19
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:07
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:21

Client Sample ID: 822-SW-Dup
Lab Sample ID: 752-41471-5
Date Collected: 01/29/26 00:00
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/08/26 00:27

Lab Chronicle

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-Dup

Lab Sample ID: 752-41471-5

Date Collected: 01/29/26 00:00
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 04:31
Total/NA	Prep	3511			738167	HG	EET PEN	02/03/26 10:37
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 15:55
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 01:47
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:17
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:39
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:27
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:20
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:13
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:22

Client Sample ID: 822-SW-5

Lab Sample ID: 752-41471-6

Date Collected: 01/29/26 12:00
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 16:32
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 05:01
Total/NA	Prep	3511			738167	HG	EET PEN	02/03/26 10:37
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 16:27
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 02:11
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:19
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:43
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:29
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:21
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:15
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:22

Client Sample ID: 822-SW-4

Lab Sample ID: 752-41471-7

Date Collected: 01/29/26 12:45
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 17:22

Lab Chronicle

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

Job ID: 752-41471-1

Client Sample ID: 822-SW-4

Lab Sample ID: 752-41471-7

Date Collected: 01/29/26 12:45
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 05:31
Total/NA	Prep	3511			738167	HG	EET PEN	02/03/26 10:37
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 16:59
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 02:14
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:22
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 13:57
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:31
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:22
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:17
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:23

Client Sample ID: 822-SW-3

Lab Sample ID: 752-41471-8

Date Collected: 01/29/26 13:30
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/08/26 00:52
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 06:01
Total/NA	Prep	3511			738167	HG	EET PEN	02/03/26 10:37
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 17:31
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 02:16
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:46
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 14:00
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:33
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:22
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:19
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:23

Client Sample ID: 822-SW-2

Lab Sample ID: 752-41471-9

Date Collected: 01/29/26 14:15
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 19:52

Client Sample ID: 822-SW-2

Lab Sample ID: 752-41471-9

Date Collected: 01/29/26 14:15

Matrix: Water

Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 06:31
Total/NA	Prep	3511			738167	HG	EET PEN	02/03/26 10:37
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 18:03
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 02:19
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:49
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 14:03
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:34
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:23
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:21
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:24

Client Sample ID: 822-SW-1

Lab Sample ID: 752-41471-10

Date Collected: 01/29/26 15:00

Matrix: Water

Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 20:17
Total/NA	Prep	3511			737965	JPH	EET PEN	01/31/26 14:24
Total/NA	Analysis	8270E		1	738205	VC1	EET PEN	02/04/26 07:00
Total/NA	Prep	3511			738167	HG	EET PEN	02/03/26 10:37
Total/NA	Analysis	8270E		1	738724	JAW	EET PEN	02/09/26 18:35
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112531	IF	EET ATL	02/06/26 02:22
Total Recoverable	Prep	3005A			111493	SA	EET ATL	02/02/26 14:42
Total Recoverable	Analysis	6020B		1	112826	IF	EET ATL	02/06/26 19:51
Total/NA	Prep	7470A			112551	GR	EET ATL	02/09/26 08:31
Total/NA	Analysis	7470A		1	113035	GR	EET ATL	02/09/26 14:09
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 13:36
Total/NA	Analysis	353.2		1	14729	CB	EET RAL	01/30/26 16:28
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 20:24
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/02/26 14:52
Total/NA	Analysis	SM 4500 SO4 E		1	738589	CJK	EET PEN	02/06/26 11:24

Client Sample ID: Trip Blank

Lab Sample ID: 752-41471-11

Date Collected: 01/29/26 09:00

Matrix: Water

Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112647	Y1S	EET ATL	02/07/26 04:26

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41471-1
Project/Site: Lyon Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-41471-11
Date Collected: 01/29/26 09:00
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112958	Y1S	EET ATL 1	02/09/26 19:27

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, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41471-1
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	12-31-26

Laboratory: Eurofins Atlanta

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	562	12-31-26

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	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

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	12-31-26

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
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	12-31-26

Method Summary

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

Job ID: 752-41471-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
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
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
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, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

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

Job ID: 752-41471-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41471-1	822-SW-9	Water	01/29/26 09:00	01/29/26 16:15	North Carolina
752-41471-2	822-SW-8	Water	01/29/26 09:45	01/29/26 16:15	North Carolina
752-41471-3	822-SW-7	Water	01/29/26 10:30	01/29/26 16:15	North Carolina
752-41471-4	822-SW-6	Water	01/29/26 11:15	01/29/26 16:15	North Carolina
752-41471-5	822-SW-Dup	Water	01/29/26 00:00	01/29/26 16:15	North Carolina
752-41471-6	822-SW-5	Water	01/29/26 12:00	01/29/26 16:15	North Carolina
752-41471-7	822-SW-4	Water	01/29/26 12:45	01/29/26 16:15	North Carolina
752-41471-8	822-SW-3	Water	01/29/26 13:30	01/29/26 16:15	North Carolina
752-41471-9	822-SW-2	Water	01/29/26 14:15	01/29/26 16:15	North Carolina
752-41471-10	822-SW-1	Water	01/29/26 15:00	01/29/26 16:15	North Carolina
752-41471-11	Trip Blank	Water	01/29/26 09:00	01/29/26 16:15	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: Brandon Gouvins	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170209-59869.1
Client Contact: Jerry Paul	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BI			
Email: jpaul@smeinc.com	WO #:			
Project Name: [redacted] Lyon Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-41471 COC

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_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	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
822-SW-9	1/29/26	0900	G	W	N	N	X	X	X	X	X	X	X	13	
822-SW-8		0945					X	X	X	X	X	X	X	13	
822-SW-7		1030					X	X	X	X	X	X	X	13	
822-SW-6		1115					X	X	X	X	X	X	X	13	
822-SW-DUP							X	X	X	X	X	X	X	13	
822-SW-5		1200					X	X	X	X	X	X	X	13	
822-SW-4		1245					X	X	X	X	X	X	X	13	
822-SW-3		1330					X	X	X	X	X	X	X	13	
822-SW-2		1415					X	X	X	X	X	X	X	13	
822-SW-1		1500					X	X	X	X	X	X	X	13	
Trip Blank														2	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ 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: 1-29-26 1615	Company S&ME	Received by:	Date/Time: 01/29/26 1615	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: 3.1/3.6 DO

Initial Temperature: 3.0 °C
Correction Factor: -0.3°C
Corrected Temperature: 2.7 °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

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7848.1
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 #: 752-41471-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/9/2026			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)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
822-SW-9 (752-41471-1)	1/29/26	09 00 Eastern	G	Water			X	X	X		
822-SW-8 (752-41471-2)	1/29/26	09 45 Eastern	G	Water			X	X	X		
822-SW-7 (752-41471-3)	1/29/26	10 30 Eastern	G	Water			X	X	X		
822-SW-6 (752-41471-4)	1/29/26	11 15 Eastern	G	Water			X	X	X		
822-SW-Dup (752-41471-5)	1/29/26	Eastern	G	Water			X	X	X		
822-SW-5 (752-41471-6)	1/29/26	12.00 Eastern	G	Water			X	X	X		
822-SW-4 (752-41471-7)	1/29/26	12:45 Eastern	G	Water			X	X	X		
822-SW-3 (752-41471-8)	1/29/26	13 30 Eastern	G	Water			X	X	X		
822-SW-2 (752-41471-9)	1/29/26	14 15 Eastern	G	Water			X	X	X		

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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	1/30/26 1245			01/31/26/1000	Eurofins
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: 2.0°C / IR10

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: 752-7848.2
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 #: 752-41471-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/9/2026			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)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total										Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
822-SW-1 (752-41471-10)	1/29/26	15 00 Eastern	G	Water			X	X	X											

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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	1/30/26 1245			01/31/26 1009	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: 2.0°C / IR ID

Ver 10/10/2024

XO PNSA

Mstr# 4965 1025 4340

0201

MPS# 4965 1025 4372

0283

4 of 4

PRIORITY OVERNIGHT

SATURDAY 12:00P

32514 BFM

FedEx Express

PENSACOLA FL 325147045

3355 MCLEMORE DR

EUROFINS - PENSACOLA

EUROFINS - PENSACOLA

TO

CARY, NC 27511

UNITED STATES US

BILL RECIPIENT

104-A WOODWINDS INDUSTRIAL COURT

EUROFINS RALEIGH

HAYLEIGH HODGE

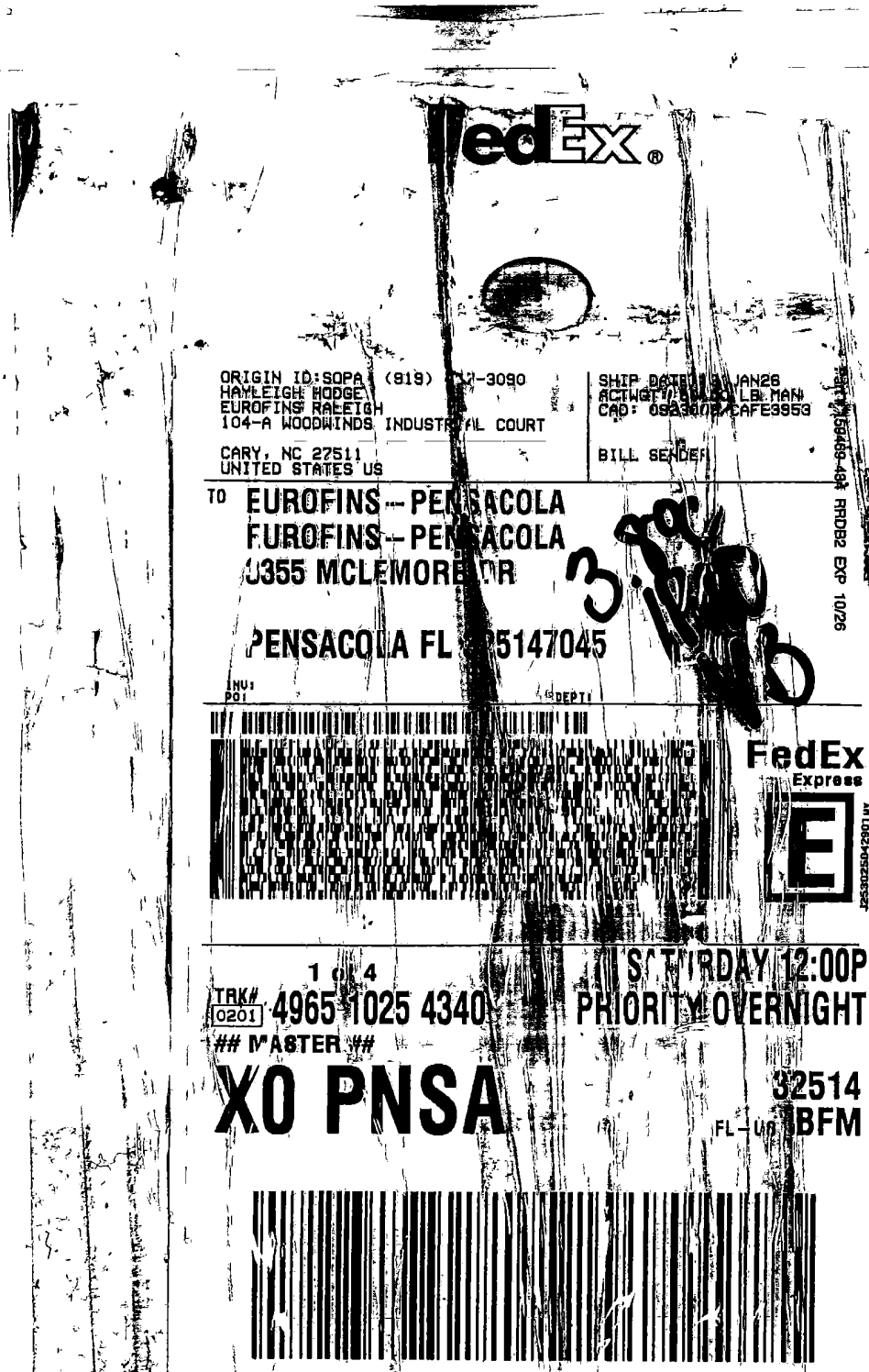
ORIGIN ID:SORA

Part # 159469-434 RRDB2 EXP 10/26

FedEx

FedEx
ORIGIN ID:SOPA (919) 467-3090
HAYDEN HODGE
EUROFINS RALEIGH
104-B WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 30JAN26
ACTWGT: 50.00 LB MAN
CAD: 0923009/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 32514704
REF:
INV:
PO:
DEPT:
Part # 159469-434 RRD82 EXP 10/26
2.10c
IRIO
VB
FedEx
Express
3 of 4
MPS#
0263
4965 1025 4361
Mstr# 4965 1025 4340
0201
SATURDAY 12:00P
PRIORITY OVERNIGHT
XO PNSA
32514
FL-US
BFM

FedEx
ORIGIN ID:SOPA (850) 467-3080
HAYLEIGH HODGE
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 30JAN26
ACTWGT: 50.00 LB MAN
CAD: 0981409/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325147045
REF:
DEPT:
2.5°C
IR ID
VB
Part # 159469-434 RRDB2 EXP 10/26
FedEx Express
2 of 4
MPS# 0263 4965 1025 4350
Mstr# 4965 1025 4340
0201
SATURDAY 12:00P
PRIORITY OVERNIGHT
XO PNSA
32514
FL-US BFM



FedEx

ORIGIN ID:SOPA (919) [illegible]-3090
HAYLEIGH HODGE
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

CARY, NC 27511
UNITED STATES US

SHIP DATE: [illegible] JAN26
ACTWGT: [illegible] LB MAN
CAD: [illegible]

BILL SENDER

TO EUROFINS -- PENSACOLA
EUROFINS -- PENSACOLA
[illegible]355 MCLEMORE DR

PENSACOLA FL [illegible]5147045

INV:
PO:
DEPT:

FedEx Express

1 of 4

TRK# 0201 4965 1025 4340

SATURDAY 12:00P
PRIORITY OVERNIGHT

MASTER

XO PNSA

32514
FL-US BFM

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: 752-7851 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 Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41471-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/9/2026			
City: Savannah	TAT Requested (days): N/A			
State Zip: GA, 31405				
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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
822-SW-9 (752-41471-1)	1/29/26	09 00 Eastern	G	Water			X	X	1	
822-SW-8 (752-41471-2)	1/29/26	09 45 Eastern	G	Water			X	X	1	
822-SW-7 (752-41471-3)	1/29/26	10 30 Eastern	G	Water			X	X	1	
822-SW-6 (752-41471-4)	1/29/26	11 15 Eastern	G	Water			X	X	1	
822-SW-Dup (752-41471-5)	1/29/26	Eastern	G	Water			X	X	1	
822-SW-5 (752-41471-6)	1/29/26	12.00 Eastern	G	Water			X	X	1	
822-SW-4 (752-41471-7)	1/29/26	12.45 Eastern	G	Water			X	X	1	
822-SW-3 (752-41471-8)	1/29/26	13 30 Eastern	G	Water			X	X	1	
822-SW-2 (752-41471-9)	1/29/26	14 15 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
PB	1/30/26 1330			1/31/26 1218	FEDEX
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: 1-6/1-6

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: 752-7851.2
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 Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41471-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/9/2026			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31405				
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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
822-SW-1 (752-41471-10)	1/29/26	15 00 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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
	RB	1/30/26 13:30			1/31/26 1218	FLNRO
	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: 1.6/1.6

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: 752-7847 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 #: 752-41471-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/9/2026			
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	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
822-SW-9 (752-41471-1)	1/29/26	09 00 Eastern	G	Water			X	X	X	4	
822-SW-8 (752-41471-2)	1/29/26	09 45 Eastern	G	Water			X	X	X	4	
822-SW-7 (752-41471-3)	1/29/26	10 30 Eastern	G	Water			X	X	X	4	
822-SW-6 (752-41471-4)	1/29/26	11 15 Eastern	G	Water			X	X	X	4	
822-SW-Dup (752-41471-5)	1/29/26	Eastern	G	Water			X	X	X	4	
822-SW-5 (752-41471-6)	1/29/26	12 00 Eastern	G	Water			X	X	X	4	
822-SW-4 (752-41471-7)	1/29/26	12.45 Eastern	G	Water			X	X	X	4	
822-SW-3 (752-41471-8)	1/29/26	13 30 Eastern	G	Water			X	X	X	4	
822-SW-2 (752-41471-9)	1/29/26	14 15 Eastern	G	Water			X	X	X	4	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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	1/30/26 1245			2/2/26 9:56	
	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: 2.7°, 0.3° #2927

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: 752-7847 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 #: 752-41471-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/9/2026			
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	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
822-SW-1 (752-41471-10)	1/29/26	15 00 Eastern	G	Water			X	X	X	4	
Trip Blank (752-41471-11)	1/29/26	09 00 Eastern	G	Water					X	2	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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	1/30/26 1245			2/2/26 9:56	
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: 2.7°, 0.3° #2927

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41471-1

Login Number: 41471

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: 752-41471-1

Login Number: 41471
List Number: 4
Creator: Sims, Christion

List Source: Eurofins Atlanta
List Creation: 02/02/26 12:29 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: 752-41471-1

Login Number: 41471
List Number: 2
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 01/31/26 11:32 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	2.5°C, 2.1°C, 2.0°C, 3.8°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.	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.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41471-1

Login Number: 41471
List Number: 3
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 01/31/26 01:15 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.	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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/12/2026 7:18:40 AM

JOB DESCRIPTION

Lyon Park

JOB NUMBER

752-41468-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

Generated
2/12/2026 7:18:40 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: 752-41468-1
Project/Site: Lyon Park

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low 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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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
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
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
752-41468-1

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 1/29/2026 4:15 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 3.2°C and 3.7°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 705-113128 recovered outside control limits for the following analyte: Hexachlorobutadiene. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect this compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112647 recovered outside control limits for the following analyte: Isopropyl ether. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect this compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: The Trip blank associated with analytical batch 705-112958 contained Acetone and Methylene Chloride greater than one-half the reporting limit (1/2RL). The trip blank was re-analyzed to confirm contamination. Only one set of results was included in the report. Trip Blank (752-41468-11)

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: Six surrogates are used for this analysis. The laboratory's SOP allows one 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 400-737958/2-A). These results have been reported and qualified.

Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one 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: 822-SED-7 (752-41468-7). These results have been reported and qualified.

Method 8270E: 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 samples contained an allowable number of surrogate compounds outside limits: 822-SED-5 (752-41468-5) and 822-SED-6 (752-41468-6). These results have been reported and qualified.

Method 8270E: Surrogate recovery for the following samples were outside the upper control limit: 822-SED-1 (752-41468-1), 822-SED-2 (752-41468-2) and 822-SED-3 (752-41468-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E SIM ID: The following samples were diluted due to the nature of the sample matrix: 822-SED-1 (752-41468-1), 822-SED-2 (752-41468-2), 822-SED-3 (752-41468-3), 822-SED-4 (752-41468-4), 822-SED-5 (752-41468-5), 822-SED-6 (752-41468-6), 822-SED-7 (752-41468-7), 822-SED-8 (752-41468-8), 822-SED-9 (752-41468-9) and 822-SED-Dup

Job ID: 752-41468-1 (Continued)

(752-41468-10). 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: The method blank for preparation batch 705-111567 and analytical batch 705-112547 contained Copper 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: 752-41468-1

Client Sample ID: 822-SED-1 — Lab Sample ID: 752-41468-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0492	J F1	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0592	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0811	J	0.435	0.00185	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0484	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.192	J B F1 *+	0.435	0.132	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0589	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0935	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0469	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0865	J	0.435	0.0435	mg/Kg	1	☼	8270E	Total/NA
Sulfate	17.2		13.4	13.2	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.53		0.413	0.0369	mg/Kg	5	☼	6020B	Total/NA
Barium	32.1		1.72	0.00975	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.205	J	0.345	0.0242	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.120	J	0.345	0.0112	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.21		0.689	0.142	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.36		0.517	0.0195	mg/Kg	5	☼	6020B	Total/NA
Copper	26.9	B	0.345	0.0358	mg/Kg	5	☼	6020B	Total/NA
Lead	23.3		0.345	0.0407	mg/Kg	5	☼	6020B	Total/NA
Manganese	142		0.689	0.0424	mg/Kg	5	☼	6020B	Total/NA
Nickel	12.2		0.689	0.0180	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.425	J	1.72	0.122	mg/Kg	5	☼	6020B	Total/NA
Silver	0.120	J	0.172	0.00200	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0376	J	0.482	0.0290	mg/Kg	5	☼	6020B	Total/NA
Vanadium	13.7		0.689	0.0865	mg/Kg	5	☼	6020B	Total/NA
Zinc	77.0		1.72	1.43	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 822-SED-2 — Lab Sample ID: 752-41468-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00909		0.00804	0.00804	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0646	J	0.420	0.0420	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0572	J	0.420	0.0420	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0782	J	0.420	0.00178	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.185	J B *+	0.420	0.127	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.0933	J	0.420	0.0420	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0642	J	0.420	0.0420	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.108	J	0.420	0.0420	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0953	J	0.420	0.0420	mg/Kg	1	☼	8270E	Total/NA
Sulfate	14.7		13.3	13.0	mg/Kg	1	☼	9056A	Soluble
Antimony	0.196	J	0.688	0.157	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.869		0.413	0.0368	mg/Kg	5	☼	6020B	Total/NA
Barium	24.1		1.72	0.00974	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.145	J	0.344	0.0241	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.161	J	0.344	0.0112	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.16		0.688	0.142	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.06		0.516	0.0195	mg/Kg	5	☼	6020B	Total/NA
Copper	8.41	B	0.344	0.0358	mg/Kg	5	☼	6020B	Total/NA
Lead	22.9		0.344	0.0406	mg/Kg	5	☼	6020B	Total/NA
Manganese	113		0.688	0.0423	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.71		0.688	0.0180	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.385	J	1.72	0.122	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 822-SED-2 (Continued) — Lab Sample ID: 752-41468-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.0111	J	0.172	0.00200	mg/Kg	5	☼	6020B	Total/NA
Vanadium	11.4		0.688	0.0864	mg/Kg	5	☼	6020B	Total/NA
Zinc	46.7		1.72	1.43	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 822-SED-3 — Lab Sample ID: 752-41468-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00904		0.00827	0.00827	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.141	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.122	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.176	J	0.422	0.00179	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0901	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0659	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.247	J B *+	0.422	0.128	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.137	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.147	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.291	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0879	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.187	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.241	J	0.422	0.0422	mg/Kg	1	☼	8270E	Total/NA
Sulfate	17.1		13.8	13.5	mg/Kg	1	☼	9056A	Soluble
Antimony	0.177	J	0.717	0.164	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.03		0.430	0.0383	mg/Kg	5	☼	6020B	Total/NA
Barium	25.2		1.79	0.0101	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.213	J	0.358	0.0251	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.137	J	0.358	0.0117	mg/Kg	5	☼	6020B	Total/NA
Chromium	15.2		0.717	0.148	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.68		0.538	0.0203	mg/Kg	5	☼	6020B	Total/NA
Copper	23.2	B	0.358	0.0373	mg/Kg	5	☼	6020B	Total/NA
Lead	26.3		0.358	0.0423	mg/Kg	5	☼	6020B	Total/NA
Manganese	106		0.717	0.0441	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.4		0.717	0.0187	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.422	J	1.79	0.127	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0204	J	0.179	0.00208	mg/Kg	5	☼	6020B	Total/NA
Vanadium	16.5		0.717	0.0899	mg/Kg	5	☼	6020B	Total/NA
Zinc	61.3		1.79	1.49	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.198	J	1.33	0.133	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 822-SED-4 — Lab Sample ID: 752-41468-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.0627	J	0.369	0.00157	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0452	J	0.369	0.0369	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.159	J B *+	0.369	0.112	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0552	J	0.369	0.0369	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0868	J	0.369	0.0369	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0742	J	0.369	0.0369	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0933	J	0.369	0.0369	mg/Kg	1	☼	8270E	Total/NA
Antimony	0.175	J	0.599	0.137	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.39		0.359	0.0320	mg/Kg	5	☼	6020B	Total/NA
Barium	19.5		1.50	0.00847	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.207	J	0.299	0.0210	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-SED-4 (Continued)

Lab Sample ID: 752-41468-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.116	J	0.299	0.00976	mg/Kg	5	☼	6020B	Total/NA
Chromium	9.26		0.599	0.123	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.88		0.449	0.0169	mg/Kg	5	☼	6020B	Total/NA
Copper	15.6	B	0.299	0.0311	mg/Kg	5	☼	6020B	Total/NA
Lead	29.7		0.299	0.0353	mg/Kg	5	☼	6020B	Total/NA
Manganese	92.7		0.599	0.0368	mg/Kg	5	☼	6020B	Total/NA
Nickel	11.6		0.599	0.0157	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.408	J	1.50	0.106	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0117	J	0.150	0.00174	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0293	J	0.419	0.0252	mg/Kg	5	☼	6020B	Total/NA
Vanadium	11.8		0.599	0.0751	mg/Kg	5	☼	6020B	Total/NA
Zinc	65.1		1.50	1.24	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 822-SED-5

Lab Sample ID: 752-41468-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.281	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.388	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.974		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.874		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.16		0.464	0.00197	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.580		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.412	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.229	J B *+	0.464	0.141	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.213	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.910		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.141	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.100	J *+	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.10		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.171	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.600		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0700	J	0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.77		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.71		0.464	0.0464	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.32	J	3.62	1.05	mg/Kg	1	☼	9056A	Soluble
Antimony	0.684	J	0.764	0.175	mg/Kg	5	☼	6020B	Total/NA
Arsenic	3.28		0.458	0.0409	mg/Kg	5	☼	6020B	Total/NA
Barium	64.5		1.91	0.0108	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.218	J	0.382	0.0268	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.277	J	0.382	0.0125	mg/Kg	5	☼	6020B	Total/NA
Chromium	13.9		0.764	0.157	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.04		0.573	0.0216	mg/Kg	5	☼	6020B	Total/NA
Copper	50.9	B	0.382	0.0397	mg/Kg	5	☼	6020B	Total/NA
Lead	105		0.382	0.0451	mg/Kg	5	☼	6020B	Total/NA
Manganese	132		0.764	0.0470	mg/Kg	5	☼	6020B	Total/NA
Nickel	12.6		0.764	0.0200	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.541	J	1.91	0.136	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0323	J	0.191	0.00222	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.4		0.764	0.0959	mg/Kg	5	☼	6020B	Total/NA
Zinc	154		1.91	1.59	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-6

Lab Sample ID: 752-41468-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00770		0.00746	0.00746	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0682	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0713	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.114	J	0.402	0.00170	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0853	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.168	J B *+	0.402	0.122	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0873	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.182	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0667	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.151	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.168	J	0.402	0.0402	mg/Kg	1	☼	8270E	Total/NA
Antimony	0.149	J	0.653	0.149	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.63		0.392	0.0349	mg/Kg	5	☼	6020B	Total/NA
Barium	18.6		1.63	0.00924	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.136	J	0.326	0.0229	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.141	J	0.326	0.0106	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.25		0.653	0.135	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.92		0.490	0.0185	mg/Kg	5	☼	6020B	Total/NA
Copper	10.9	B	0.326	0.0340	mg/Kg	5	☼	6020B	Total/NA
Lead	20.5		0.326	0.0385	mg/Kg	5	☼	6020B	Total/NA
Manganese	66.5		0.653	0.0402	mg/Kg	5	☼	6020B	Total/NA
Nickel	8.20		0.653	0.0171	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.278	J	1.63	0.116	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0143	J	0.163	0.00189	mg/Kg	5	☼	6020B	Total/NA
Vanadium	10.5		0.653	0.0819	mg/Kg	5	☼	6020B	Total/NA
Zinc	60.7		1.63	1.35	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 822-SED-7

Lab Sample ID: 752-41468-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.0642	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.102	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.355	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.351	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.467		0.452	0.00192	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.254	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.157	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.195	J B *+	0.452	0.137	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0647	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.341	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0571	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.731		0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0493	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.252	J	0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.497		0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.591		0.452	0.0452	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.09	J	3.45	1.00	mg/Kg	1	☼	9056A	Soluble
Sulfate	32.5		13.6	13.4	mg/Kg	1	☼	9056A	Soluble
Antimony	0.208	J F1	0.719	0.164	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.932		0.432	0.0385	mg/Kg	5	☼	6020B	Total/NA
Barium	22.1		1.80	0.0102	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 822-SED-7 (Continued) — Lab Sample ID: 752-41468-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.148	J	0.360	0.0252	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.128	J	0.360	0.0117	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.55		0.719	0.148	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.66		0.539	0.0204	mg/Kg	5	☼	6020B	Total/NA
Copper	10.9	F1 B	0.360	0.0374	mg/Kg	5	☼	6020B	Total/NA
Lead	30.7	F2	0.360	0.0424	mg/Kg	5	☼	6020B	Total/NA
Manganese	62.5		0.719	0.0442	mg/Kg	5	☼	6020B	Total/NA
Nickel	8.17	F1	0.719	0.0188	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.196	J	1.80	0.128	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0156	J	0.180	0.00209	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.4		0.719	0.0903	mg/Kg	5	☼	6020B	Total/NA
Zinc	54.3		1.80	1.49	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 822-SED-8 — Lab Sample ID: 752-41468-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00918		0.00733	0.00733	mg/Kg	5	☼	8270E SIM ID	Total/NA
Anthracene	0.0834	J	0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.444		0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.407		0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.578		0.386	0.00164	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.261	J	0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.197	J	0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.422		0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0746	J	0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.828		0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.288	J	0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.369	J	0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.671		0.386	0.0386	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	0.939	J	3.06	0.888	mg/Kg	1	☼	9056A	Soluble
Sulfate	18.5		12.1	11.9	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.274	J	0.371	0.0331	mg/Kg	5	☼	6020B	Total/NA
Barium	12.2		1.55	0.00876	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0751	J	0.310	0.0217	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0449	J	0.310	0.0101	mg/Kg	5	☼	6020B	Total/NA
Chromium	2.35		0.619	0.128	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.63		0.464	0.0175	mg/Kg	5	☼	6020B	Total/NA
Copper	10.0	B	0.310	0.0322	mg/Kg	5	☼	6020B	Total/NA
Lead	8.90		0.310	0.0365	mg/Kg	5	☼	6020B	Total/NA
Manganese	36.3		0.619	0.0381	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.37		0.619	0.0162	mg/Kg	5	☼	6020B	Total/NA
Silver	0.00934	J	0.155	0.00180	mg/Kg	5	☼	6020B	Total/NA
Vanadium	5.87		0.619	0.0777	mg/Kg	5	☼	6020B	Total/NA
Zinc	20.5		1.55	1.28	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.131	J	1.23	0.123	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 822-SED-9 — Lab Sample ID: 752-41468-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.0495	J	0.459	0.0459	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0769	J	0.459	0.00195	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0595	J	0.459	0.0459	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-SED-9 (Continued)

Lab Sample ID: 752-41468-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.110	J	0.459	0.0459	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0506	J	0.459	0.0459	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0825	J	0.459	0.0459	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.47	J	3.51	1.02	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.553		0.445	0.0397	mg/Kg	5	☼	6020B	Total/NA
Barium	13.2		1.85	0.0105	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.102	J	0.371	0.0260	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0493	J	0.371	0.0121	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.30		0.741	0.153	mg/Kg	5	☼	6020B	Total/NA
Cobalt	1.79		0.556	0.0210	mg/Kg	5	☼	6020B	Total/NA
Copper	6.05	B	0.371	0.0386	mg/Kg	5	☼	6020B	Total/NA
Lead	9.44		0.371	0.0437	mg/Kg	5	☼	6020B	Total/NA
Manganese	61.6		0.741	0.0456	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.77		0.741	0.0194	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.153	J	1.85	0.132	mg/Kg	5	☼	6020B	Total/NA
Silver	0.00844	J	0.185	0.00215	mg/Kg	5	☼	6020B	Total/NA
Vanadium	6.75		0.741	0.0931	mg/Kg	5	☼	6020B	Total/NA
Zinc	24.2		1.85	1.54	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 822-SED-Dup

Lab Sample ID: 752-41468-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.309	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.307	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.491		0.453	0.00192	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.216	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.155	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0654	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.358	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0571	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.738		0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.241	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.305	J	0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.546		0.453	0.0453	mg/Kg	1	☼	8270E	Total/NA
Antimony	2.36		0.746	0.171	mg/Kg	5	☼	6020B	Total/NA
Arsenic	9.78		0.448	0.0399	mg/Kg	5	☼	6020B	Total/NA
Barium	28.3		1.87	0.0106	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.181	J	0.373	0.0262	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.222	J	0.373	0.0122	mg/Kg	5	☼	6020B	Total/NA
Chromium	28.2		0.746	0.154	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.12		0.560	0.0211	mg/Kg	5	☼	6020B	Total/NA
Copper	89.3	B	0.373	0.0388	mg/Kg	5	☼	6020B	Total/NA
Lead	973		0.746	0.0881	mg/Kg	10	☼	6020B	Total/NA
Manganese	224		0.746	0.0459	mg/Kg	5	☼	6020B	Total/NA
Nickel	26.5		0.746	0.0195	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.348	J	1.87	0.133	mg/Kg	5	☼	6020B	Total/NA
Silver	0.117	J	0.187	0.00216	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.8		0.746	0.0937	mg/Kg	5	☼	6020B	Total/NA
Zinc	165		1.87	1.55	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41468-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-41468-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.07	J	10.0	4.04	ug/L	1		8260D	Total/NA
Methylene Chloride	2.60	J	5.00	2.36	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 822-SED-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-1
Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.162	0.0359	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Benzene	ND		0.00811	0.00123	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Bromobenzene	ND		0.00811	0.00153	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Bromoform	ND		0.00811	0.00344	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Bromomethane	ND		0.00811	0.00320	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
2-Butanone (MEK)	ND		0.0811	0.00902	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Carbon disulfide	ND		0.0162	0.00415	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Carbon tetrachloride	ND		0.00811	0.00154	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Chlorobenzene	ND		0.00811	0.00136	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Chlorobromomethane	ND		0.00811	0.00195	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Chlorodibromomethane	ND		0.00811	0.00129	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Chloroethane	ND		0.0162	0.00307	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Chloroform	ND		0.00811	0.00157	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Chloromethane	ND		0.0162	0.00240	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
2-Chlorotoluene	ND		0.00811	0.00175	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
4-Chlorotoluene	ND		0.00811	0.00177	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
cis-1,2-Dichloroethene	ND		0.00811	0.00195	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
cis-1,3-Dichloropropene	ND		0.00811	0.00190	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2-Dibromo-3-Chloropropane	ND		0.00811	0.00334	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Dibromomethane	ND		0.00811	0.00164	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2-Dichlorobenzene	ND		0.00811	0.00175	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,3-Dichlorobenzene	ND		0.00811	0.00129	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,4-Dichlorobenzene	ND		0.00811	0.00188	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Dichlorobromomethane	ND		0.00811	0.00152	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1-Dichloroethane	ND		0.00811	0.00147	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2-Dichloroethane	ND		0.00811	0.00196	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1-Dichloroethene	ND		0.00811	0.00193	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2-Dichloropropane	ND		0.00811	0.00111	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,3-Dichloropropane	ND		0.00811	0.00187	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
2,2-Dichloropropane	ND		0.00811	0.00188	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1-Dichloropropene	ND		0.00811	0.00165	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Ethyl acetate	ND		0.0811	0.0811	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Ethylbenzene	ND		0.00811	0.00174	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Ethylene Dibromide	ND		0.00811	0.00142	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Hexachlorobutadiene	ND		0.00811	0.00260	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Hexane	ND		0.0162	0.0162	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
2-Hexanone	ND		0.0162	0.0120	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Iodomethane	ND		0.0162	0.00310	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Isopropylbenzene	ND		0.00811	0.00239	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Isopropyl ether	ND		0.0162	0.0162	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
4-Isopropyltoluene	ND		0.00811	0.00552	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Methylene Chloride	ND		0.0325	0.00912	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.0162	0.00529	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Methyl tert-butyl ether	ND		0.00811	0.00284	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
m-Xylene & p-Xylene	ND		0.0162	0.00352	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Naphthalene	ND		0.00811	0.00625	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
n-Butylbenzene	ND		0.00811	0.00286	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
n-Heptane	ND		0.0162	0.0162	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
N-Propylbenzene	ND		0.00811	0.00169	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-1
Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00811	0.00214	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
sec-Butylbenzene	ND		0.00811	0.00185	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Styrene	ND		0.00811	0.00412	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
tert-Butylbenzene	ND		0.00811	0.00193	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1,1,2-Tetrachloroethane	ND		0.00811	0.00160	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1,2,2-Tetrachloroethane	ND		0.00811	0.00211	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Tetrachloroethene	ND		0.00811	0.00132	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Toluene	ND		0.00811	0.00159	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
trans-1,4-Dichloro-2-butene	ND		0.0162	0.00818	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
trans-1,2-Dichloroethene	ND		0.00811	0.00196	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
trans-1,3-Dichloropropene	ND		0.00811	0.00167	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2,3-Trichlorobenzene	ND		0.00811	0.00423	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2,4-Trichlorobenzene	ND		0.00811	0.00326	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1,1-Trichloroethane	ND		0.00811	0.00234	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1,2-Trichloroethane	ND		0.00811	0.00146	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Trichloroethene	ND		0.00811	0.00113	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Trichlorofluoromethane	ND		0.00811	0.00307	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2,3-Trichloropropane	ND		0.00811	0.00217	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0162	0.00161	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,2,4-Trimethylbenzene	ND		0.00811	0.00190	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
1,3,5-Trimethylbenzene	ND		0.00811	0.00201	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Vinyl acetate	ND		0.0162	0.00539	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Vinyl chloride	ND		0.0162	0.00268	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1
Xylenes, Total	ND		0.00811	0.00214	mg/Kg	☼	02/08/26 12:25	02/09/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 127*	*02/08/26 12:25*	*02/09/26 22:25*	*1*
Dibromofluoromethane	*105*		*80 - 119*	*02/08/26 12:25*	*02/09/26 22:25*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*	*02/08/26 12:25*	*02/09/26 22:25*	*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		0.00808	0.00808	mg/Kg	☼	01/31/26 13:43	02/02/26 19:07	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*50*		*10 - 150*	*01/31/26 13:43*	*02/02/26 19:07*	*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		0.435	0.0127	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,4,5-Trichlorophenol	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,4,6-Trichlorophenol	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,4-Dichlorophenol	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,4-Dimethylphenol	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,4-Dinitrophenol	ND		1.31	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,4-Dinitrotoluene	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2,6-Dinitrotoluene	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2-Chloronaphthalene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2-Chlorophenol	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2-Methylnaphthalene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2-Methylphenol	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-1
Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
2-Nitrophenol	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
3 & 4 Methylphenol	ND		0.870	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
3,3'-Dichlorobenzidine	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
3-Nitroaniline	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4,6-Dinitro-2-methylphenol	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4-Bromophenyl phenyl ether	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4-Chloro-3-methylphenol	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4-Chloroaniline	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4-Chlorophenyl phenyl ether	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4-Nitroaniline	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
4-Nitrophenol	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Acenaphthene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Acenaphthylene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Acetophenone	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Anthracene	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Atrazine	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Benzaldehyde	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Benzo[a]anthracene	**0.0492**	**J F1**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Benzo[a]pyrene	**0.0592**	**J**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Benzo[b]fluoranthene	**0.0811**	**J**	0.435	0.00185	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Benzo[g,h,i]perylene	**0.0484**	**J**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Benzo[k]fluoranthene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
bis (2-chloroisopropyl) ether	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Bis(2-chloroethoxy)methane	ND	*+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Bis(2-chloroethyl)ether	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Bis(2-ethylhexyl) phthalate	**0.192**	**J B F1 *+**	0.435	0.132	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Butyl benzyl phthalate	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Caprolactam	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Carbazole	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Chrysene	**0.0589**	**J**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Dibenz(a,h)anthracene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Dibenzofuran	ND	*+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Diethyl phthalate	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Dimethyl phthalate	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Di-n-butyl phthalate	ND		1.31	0.396	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Di-n-octyl phthalate	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Fluoranthene	**0.0935**	**J**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Fluorene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Hexachlorobenzene	ND	*+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Hexachlorobutadiene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Hexachlorocyclopentadiene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Hexachloroethane	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Indeno[1,2,3-cd]pyrene	**0.0469**	**J**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Isophorone	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Naphthalene	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Nitrobenzene	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
N-Nitrosodi-n-propylamine	ND	F1 *+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
N-Nitrosodiphenylamine	ND	*+	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1

Client Sample ID: 822-SED-1
Date Collected: 01/29/26 15:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-1
Matrix: Solid
Percent Solids: 73.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Phenanthrene	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Phenol	ND	F1	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1
Pyrene	**0.0865**	**J**	0.435	0.0435	mg/Kg	☼	01/31/26 13:36	02/03/26 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*40 - 140*	*01/31/26 13:36*	*02/03/26 01:07*	*1*
2-Fluorobiphenyl (Surr)	*138*		*40 - 140*	*01/31/26 13:36*	*02/03/26 01:07*	*1*
2-Fluorophenol (Surr)	*145*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:07*	*1*
Nitrobenzene-d5 (Surr)	*163*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:07*	*1*
Phenol-d5 (Surr)	*153*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:07*	*1*
Terphenyl-d14 (Surr)	*140*		*40 - 140*	*01/31/26 13:36*	*02/03/26 01:07*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.35	0.971	mg/Kg	☼		02/11/26 18:10	1
Sulfate	**17.2**		13.4	13.2	mg/Kg	☼		02/06/26 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.689	0.157	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Arsenic	**1.53**		0.413	0.0369	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Barium	**32.1**		1.72	0.00975	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Beryllium	**0.205**	**J**	0.345	0.0242	mg/Kg	☼	02/03/26 09:00	02/07/26 17:02	5
Cadmium	**0.120**	**J**	0.345	0.0112	mg/Kg	☼	02/03/26 09:00	02/07/26 17:02	5
Chromium	**8.21**		0.689	0.142	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Cobalt	**4.36**		0.517	0.0195	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Copper	**26.9**	**B**	0.345	0.0358	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Lead	**23.3**		0.345	0.0407	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Manganese	**142**		0.689	0.0424	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Nickel	**12.2**		0.689	0.0180	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Selenium	**0.425**	**J**	1.72	0.122	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Silver	**0.120**	**J**	0.172	0.00200	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Thallium	**0.0376**	**J**	0.482	0.0290	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Vanadium	**13.7**		0.689	0.0865	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5
Zinc	**77.0**		1.72	1.43	mg/Kg	☼	02/03/26 09:00	02/06/26 21:20	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.131	0.0191	mg/Kg	☼	02/03/26 13:35	02/05/26 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.23	0.123	mg/Kg	☼	02/02/26 09:29	02/04/26 20:14	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.32	0.421	mg/Kg	☼		02/06/26 12:27	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.206	0.0456	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Benzene	ND		0.0103	0.00156	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Bromobenzene	ND		0.0103	0.00194	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Bromoform	ND		0.0103	0.00437	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Bromomethane	ND		0.0103	0.00406	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
2-Butanone (MEK)	ND		0.103	0.0115	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Carbon disulfide	ND		0.0206	0.00528	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Carbon tetrachloride	ND		0.0103	0.00195	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Chlorobenzene	ND		0.0103	0.00173	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Chlorobromomethane	ND		0.0103	0.00247	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Chlorodibromomethane	ND		0.0103	0.00164	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Chloroethane	ND		0.0206	0.00390	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Chloroform	ND		0.0103	0.00200	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Chloromethane	ND		0.0206	0.00305	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
2-Chlorotoluene	ND		0.0103	0.00223	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
4-Chlorotoluene	ND		0.0103	0.00225	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
cis-1,2-Dichloroethene	ND		0.0103	0.00247	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
cis-1,3-Dichloropropene	ND		0.0103	0.00241	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2-Dibromo-3-Chloropropane	ND		0.0103	0.00425	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Dibromomethane	ND		0.0103	0.00208	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2-Dichlorobenzene	ND		0.0103	0.00223	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,3-Dichlorobenzene	ND		0.0103	0.00164	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,4-Dichlorobenzene	ND		0.0103	0.00239	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Dichlorobromomethane	ND		0.0103	0.00193	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1-Dichloroethane	ND		0.0103	0.00187	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2-Dichloroethane	ND		0.0103	0.00250	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1-Dichloroethene	ND		0.0103	0.00245	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2-Dichloropropane	ND		0.0103	0.00141	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,3-Dichloropropane	ND		0.0103	0.00237	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
2,2-Dichloropropane	ND		0.0103	0.00239	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1-Dichloropropene	ND		0.0103	0.00210	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Ethyl acetate	ND		0.103	0.103	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Ethylbenzene	ND		0.0103	0.00221	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Ethylene Dibromide	ND		0.0103	0.00180	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Hexachlorobutadiene	ND	*-	0.0103	0.00330	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Hexane	ND		0.0206	0.0206	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
2-Hexanone	ND		0.0206	0.0152	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Iodomethane	ND		0.0206	0.00394	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Isopropylbenzene	ND		0.0103	0.00303	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Isopropyl ether	ND		0.0206	0.0206	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
4-Isopropyltoluene	ND		0.0103	0.00701	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Methylene Chloride	ND		0.0412	0.0116	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.0206	0.00672	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Methyl tert-butyl ether	ND		0.0103	0.00361	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
m-Xylene & p-Xylene	ND		0.0206	0.00448	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Naphthalene	ND		0.0103	0.00794	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
n-Butylbenzene	ND		0.0103	0.00363	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
n-Heptane	ND		0.0206	0.0206	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
N-Propylbenzene	ND		0.0103	0.00214	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1

Client Sample ID: 822-SED-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0103	0.00272	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
sec-Butylbenzene	ND		0.0103	0.00235	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Styrene	ND		0.0103	0.00524	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
tert-Butylbenzene	ND		0.0103	0.00245	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1,1,2-Tetrachloroethane	ND		0.0103	0.00204	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1,2,2-Tetrachloroethane	ND		0.0103	0.00268	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Tetrachloroethene	ND		0.0103	0.00168	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Toluene	ND		0.0103	0.00203	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
trans-1,4-Dichloro-2-butene	ND		0.0206	0.0104	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
trans-1,2-Dichloroethene	ND		0.0103	0.00250	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
trans-1,3-Dichloropropene	ND		0.0103	0.00212	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2,3-Trichlorobenzene	ND		0.0103	0.00538	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2,4-Trichlorobenzene	ND		0.0103	0.00415	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1,1-Trichloroethane	ND		0.0103	0.00297	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1,2-Trichloroethane	ND		0.0103	0.00186	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Trichloroethene	ND		0.0103	0.00143	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Trichlorofluoromethane	ND		0.0103	0.00390	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2,3-Trichloropropane	ND		0.0103	0.00276	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0206	0.00205	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,2,4-Trimethylbenzene	ND		0.0103	0.00241	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
1,3,5-Trimethylbenzene	ND		0.0103	0.00256	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Vinyl acetate	ND		0.0206	0.00685	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Vinyl chloride	ND		0.0206	0.00340	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1
Xylenes, Total	ND		0.0103	0.00272	mg/Kg	☼	02/08/26 12:25	02/10/26 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 127*	*02/08/26 12:25*	*02/10/26 14:49*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*02/08/26 12:25*	*02/10/26 14:49*	*1*
Toluene-d8 (Surr)	*100*		*71 - 129*	*02/08/26 12:25*	*02/10/26 14:49*	*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	**0.00909**		0.00804	0.00804	mg/Kg	☼	01/31/26 13:43	02/02/26 19:28	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*01/31/26 13:43*	*02/02/26 19:28*	*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		0.420	0.0122	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,4,5-Trichlorophenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,4,6-Trichlorophenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,4-Dichlorophenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,4-Dimethylphenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,4-Dinitrophenol	ND		1.26	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,4-Dinitrotoluene	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2,6-Dinitrotoluene	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2-Chloronaphthalene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2-Chlorophenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2-Methylnaphthalene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2-Methylphenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1

Client Sample ID: 822-SED-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
2-Nitrophenol	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
3 & 4 Methylphenol	ND		0.841	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
3,3'-Dichlorobenzidine	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
3-Nitroaniline	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4,6-Dinitro-2-methylphenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4-Bromophenyl phenyl ether	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4-Chloro-3-methylphenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4-Chloroaniline	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4-Chlorophenyl phenyl ether	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4-Nitroaniline	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
4-Nitrophenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Acenaphthene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Acenaphthylene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Acetophenone	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Anthracene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Atrazine	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Benzaldehyde	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Benzo[a]anthracene	**0.0646**	**J**	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Benzo[a]pyrene	**0.0572**	**J**	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Benzo[b]fluoranthene	**0.0782**	**J**	0.420	0.00178	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Benzo[g,h,i]perylene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Benzo[k]fluoranthene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
bis (2-chloroisopropyl) ether	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Bis(2-chloroethoxy)methane	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Bis(2-chloroethyl)ether	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Bis(2-ethylhexyl) phthalate	**0.185**	**J B *+**	0.420	0.127	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Butyl benzyl phthalate	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Caprolactam	**0.0933**	**J**	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Carbazole	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Chrysene	**0.0642**	**J**	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Dibenz(a,h)anthracene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Dibenzofuran	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Diethyl phthalate	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Dimethyl phthalate	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Di-n-butyl phthalate	ND		1.26	0.382	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Di-n-octyl phthalate	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Fluoranthene	**0.108**	**J**	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Fluorene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Hexachlorobenzene	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Hexachlorobutadiene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Hexachlorocyclopentadiene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Hexachloroethane	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Indeno[1,2,3-cd]pyrene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Isophorone	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Naphthalene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Nitrobenzene	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
N-Nitrosodi-n-propylamine	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
N-Nitrosodiphenylamine	ND	*+	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1

Client Sample ID: 822-SED-2
Date Collected: 01/29/26 14:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-2
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Phenanthrene	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Phenol	ND		0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1
Pyrene	**0.0953**	**J**	0.420	0.0420	mg/Kg	☼	01/31/26 13:36	02/03/26 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*40 - 140*	*01/31/26 13:36*	*02/03/26 01:37*	*1*
2-Fluorobiphenyl (Surr)	*137*		*40 - 140*	*01/31/26 13:36*	*02/03/26 01:37*	*1*
2-Fluorophenol (Surr)	*144*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:37*	*1*
Nitrobenzene-d5 (Surr)	*165*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:37*	*1*
Phenol-d5 (Surr)	*145*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:37*	*1*
Terphenyl-d14 (Surr)	*142*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 01:37*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.35	0.972	mg/Kg	☼		02/11/26 15:42	1
Sulfate	**14.7**		13.3	13.0	mg/Kg	☼		02/06/26 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.196**	**J**	0.688	0.157	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Arsenic	**0.869**		0.413	0.0368	mg/Kg	☼	02/03/26 09:00	02/07/26 17:04	5
Barium	**24.1**		1.72	0.00974	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Beryllium	**0.145**	**J**	0.344	0.0241	mg/Kg	☼	02/03/26 09:00	02/07/26 17:04	5
Cadmium	**0.161**	**J**	0.344	0.0112	mg/Kg	☼	02/03/26 09:00	02/07/26 17:04	5
Chromium	**7.16**		0.688	0.142	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Cobalt	**3.06**		0.516	0.0195	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Copper	**8.41**	**B**	0.344	0.0358	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Lead	**22.9**		0.344	0.0406	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Manganese	**113**		0.688	0.0423	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Nickel	**7.71**		0.688	0.0180	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Selenium	**0.385**	**J**	1.72	0.122	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Silver	**0.0111**	**J**	0.172	0.00200	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Thallium	ND		0.482	0.0290	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Vanadium	**11.4**		0.688	0.0864	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5
Zinc	**46.7**		1.72	1.43	mg/Kg	☼	02/03/26 09:00	02/06/26 21:23	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.124	0.0180	mg/Kg	☼	02/03/26 13:35	02/05/26 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.22	0.122	mg/Kg	☼	02/02/26 09:29	02/04/26 20:27	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.34	0.429	mg/Kg	☼		02/06/26 12:29	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-3
Matrix: Solid
Percent Solids: 72.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.221	0.0488	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Benzene	ND		0.0110	0.00167	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Bromobenzene	ND		0.0110	0.00208	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Bromoform	ND		0.0110	0.00468	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Bromomethane	ND		0.0110	0.00435	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
2-Butanone (MEK)	ND		0.110	0.0123	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Carbon disulfide	ND		0.0221	0.00565	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Carbon tetrachloride	ND		0.0110	0.00209	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Chlorobenzene	ND		0.0110	0.00185	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Chlorobromomethane	ND		0.0110	0.00265	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Chlorodibromomethane	ND		0.0110	0.00175	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Chloroethane	ND		0.0221	0.00417	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Chloroform	ND		0.0110	0.00214	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Chloromethane	ND		0.0221	0.00327	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
2-Chlorotoluene	ND		0.0110	0.00238	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
4-Chlorotoluene	ND		0.0110	0.00240	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
cis-1,2-Dichloroethene	ND		0.0110	0.00265	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
cis-1,3-Dichloropropene	ND		0.0110	0.00258	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2-Dibromo-3-Chloropropane	ND		0.0110	0.00455	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Dibromomethane	ND		0.0110	0.00223	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2-Dichlorobenzene	ND		0.0110	0.00238	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,3-Dichlorobenzene	ND		0.0110	0.00176	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,4-Dichlorobenzene	ND		0.0110	0.00256	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Dichlorobromomethane	ND		0.0110	0.00207	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1-Dichloroethane	ND		0.0110	0.00200	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2-Dichloroethane	ND		0.0110	0.00267	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1-Dichloroethene	ND		0.0110	0.00263	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2-Dichloropropane	ND		0.0110	0.00151	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,3-Dichloropropane	ND		0.0110	0.00254	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
2,2-Dichloropropane	ND		0.0110	0.00256	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1-Dichloropropene	ND		0.0110	0.00225	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Ethyl acetate	ND		0.110	0.110	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Ethylbenzene	ND		0.0110	0.00236	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Ethylene Dibromide	ND		0.0110	0.00193	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Hexachlorobutadiene	ND		0.0110	0.00353	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Hexane	ND		0.0221	0.0221	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
2-Hexanone	ND		0.0221	0.0163	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Iodomethane	ND		0.0221	0.00421	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Isopropylbenzene	ND		0.0110	0.00324	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Isopropyl ether	ND		0.0221	0.0221	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
4-Isopropyltoluene	ND		0.0110	0.00750	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Methylene Chloride	ND		0.0441	0.0124	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
4-Methyl-2-pentanone (MIBK)	ND		0.0221	0.00719	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Methyl tert-butyl ether	ND		0.0110	0.00386	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
m-Xylene & p-Xylene	ND		0.0221	0.00479	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Naphthalene	ND		0.0110	0.00849	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
n-Butylbenzene	ND		0.0110	0.00388	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
n-Heptane	ND		0.0221	0.0221	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
N-Propylbenzene	ND		0.0110	0.00229	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-3
Matrix: Solid
Percent Solids: 72.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0110	0.00291	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
sec-Butylbenzene	ND		0.0110	0.00252	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Styrene	ND		0.0110	0.00560	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
tert-Butylbenzene	ND		0.0110	0.00263	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1,1,2-Tetrachloroethane	ND		0.0110	0.00218	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1,2,2-Tetrachloroethane	ND		0.0110	0.00287	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Tetrachloroethene	ND		0.0110	0.00180	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Toluene	ND		0.0110	0.00217	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
trans-1,4-Dichloro-2-butene	ND		0.0221	0.0111	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
trans-1,2-Dichloroethene	ND		0.0110	0.00267	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
trans-1,3-Dichloropropene	ND		0.0110	0.00227	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2,3-Trichlorobenzene	ND		0.0110	0.00576	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2,4-Trichlorobenzene	ND		0.0110	0.00443	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1,1-Trichloroethane	ND		0.0110	0.00318	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1,2-Trichloroethane	ND		0.0110	0.00199	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Trichloroethene	ND		0.0110	0.00153	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Trichlorofluoromethane	ND		0.0110	0.00417	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2,3-Trichloropropane	ND		0.0110	0.00296	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0221	0.00219	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,2,4-Trimethylbenzene	ND		0.0110	0.00258	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
1,3,5-Trimethylbenzene	ND		0.0110	0.00274	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Vinyl acetate	ND		0.0221	0.00733	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Vinyl chloride	ND		0.0221	0.00364	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1
Xylenes, Total	ND		0.0110	0.00291	mg/Kg	☼	02/08/26 12:25	02/09/26 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*02/08/26 12:25*	*02/09/26 23:12*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*02/08/26 12:25*	*02/09/26 23:12*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/08/26 12:25*	*02/09/26 23:12*	*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	**0.00904**		0.00827	0.00827	mg/Kg	☼	01/31/26 13:43	02/02/26 19:49	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*01/31/26 13:43*	*02/02/26 19:49*	*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		0.422	0.0123	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,4,5-Trichlorophenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,4,6-Trichlorophenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,4-Dichlorophenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,4-Dimethylphenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,4-Dinitrophenol	ND		1.27	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,4-Dinitrotoluene	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2,6-Dinitrotoluene	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2-Chloronaphthalene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2-Chlorophenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2-Methylnaphthalene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2-Methylphenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1

Client Sample ID: 822-SED-3
Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-3
Matrix: Solid
Percent Solids: 72.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
2-Nitrophenol	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
3 & 4 Methylphenol	ND		0.844	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
3,3'-Dichlorobenzidine	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
3-Nitroaniline	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4,6-Dinitro-2-methylphenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4-Bromophenyl phenyl ether	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4-Chloro-3-methylphenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4-Chloroaniline	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4-Chlorophenyl phenyl ether	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4-Nitroaniline	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
4-Nitrophenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Acenaphthene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Acenaphthylene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Acetophenone	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Anthracene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Atrazine	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Benzaldehyde	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Benzo[a]anthracene	**0.141**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Benzo[a]pyrene	**0.122**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Benzo[b]fluoranthene	**0.176**	**J**	0.422	0.00179	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Benzo[g,h,i]perylene	**0.0901**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Benzo[k]fluoranthene	**0.0659**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
bis (2-chloroisopropyl) ether	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Bis(2-chloroethoxy)methane	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Bis(2-chloroethyl)ether	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Bis(2-ethylhexyl) phthalate	**0.247**	**J B *+**	0.422	0.128	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Butyl benzyl phthalate	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Caprolactam	**0.137**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Carbazole	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Chrysene	**0.147**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Dibenz(a,h)anthracene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Dibenzofuran	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Diethyl phthalate	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Dimethyl phthalate	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Di-n-butyl phthalate	ND		1.27	0.384	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Di-n-octyl phthalate	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Fluoranthene	**0.291**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Fluorene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Hexachlorobenzene	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Hexachlorobutadiene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Hexachlorocyclopentadiene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Hexachloroethane	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Indeno[1,2,3-cd]pyrene	**0.0879**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Isophorone	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Naphthalene	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Nitrobenzene	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
N-Nitrosodi-n-propylamine	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
N-Nitrosodiphenylamine	ND	*+	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1

Client Sample ID: 822-SED-3

Date Collected: 01/29/26 13:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-3

Matrix: Solid
Percent Solids: 72.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Phenanthrene	**0.187**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Phenol	ND		0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1
Pyrene	**0.241**	**J**	0.422	0.0422	mg/Kg	☼	01/31/26 13:36	02/03/26 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:06*	*1*
2-Fluorobiphenyl (Surr)	*140*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:06*	*1*
2-Fluorophenol (Surr)	*144*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 02:06*	*1*
Nitrobenzene-d5 (Surr)	*163*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 02:06*	*1*
Phenol-d5 (Surr)	*148*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 02:06*	*1*
Terphenyl-d14 (Surr)	*143*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 02:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.42	0.991	mg/Kg	☼		02/11/26 18:21	1
Sulfate	**17.1**		13.8	13.5	mg/Kg	☼		02/06/26 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.177**	**J**	0.717	0.164	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Arsenic	**1.03**		0.430	0.0383	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Barium	**25.2**		1.79	0.0101	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Beryllium	**0.213**	**J**	0.358	0.0251	mg/Kg	☼	02/03/26 09:00	02/07/26 17:33	5
Cadmium	**0.137**	**J**	0.358	0.0117	mg/Kg	☼	02/03/26 09:00	02/07/26 17:33	5
Chromium	**15.2**		0.717	0.148	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Cobalt	**3.68**		0.538	0.0203	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Copper	**23.2**	**B**	0.358	0.0373	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Lead	**26.3**		0.358	0.0423	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Manganese	**106**		0.717	0.0441	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Nickel	**10.4**		0.717	0.0187	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Selenium	**0.422**	**J**	1.79	0.127	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Silver	**0.0204**	**J**	0.179	0.00208	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Thallium	ND		0.502	0.0302	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Vanadium	**16.5**		0.717	0.0899	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5
Zinc	**61.3**		1.79	1.49	mg/Kg	☼	02/03/26 09:00	02/06/26 21:25	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.132	0.0193	mg/Kg	☼	02/03/26 13:35	02/05/26 10:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.198**	**J**	1.33	0.133	mg/Kg	☼	02/02/26 09:29	02/04/26 20:40	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.38	0.443	mg/Kg	☼		02/06/26 12:31	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-4
Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.146	0.0323	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Benzene	ND		0.00731	0.00111	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Bromobenzene	ND		0.00731	0.00138	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Bromoform	ND		0.00731	0.00310	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Bromomethane	ND		0.00731	0.00288	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
2-Butanone (MEK)	ND		0.0731	0.00813	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Carbon disulfide	ND		0.0146	0.00374	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Carbon tetrachloride	ND		0.00731	0.00138	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Chlorobenzene	ND		0.00731	0.00123	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Chlorobromomethane	ND		0.00731	0.00175	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Chlorodibromomethane	ND		0.00731	0.00116	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Chloroethane	ND		0.0146	0.00276	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Chloroform	ND		0.00731	0.00142	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Chloromethane	ND		0.0146	0.00216	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
2-Chlorotoluene	ND		0.00731	0.00158	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
4-Chlorotoluene	ND		0.00731	0.00159	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
cis-1,2-Dichloroethene	ND		0.00731	0.00175	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
cis-1,3-Dichloropropene	ND		0.00731	0.00171	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2-Dibromo-3-Chloropropane	ND		0.00731	0.00301	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Dibromomethane	ND		0.00731	0.00148	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2-Dichlorobenzene	ND		0.00731	0.00158	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,3-Dichlorobenzene	ND		0.00731	0.00116	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,4-Dichlorobenzene	ND		0.00731	0.00170	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Dichlorobromomethane	ND		0.00731	0.00137	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1-Dichloroethane	ND		0.00731	0.00132	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2-Dichloroethane	ND		0.00731	0.00177	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1-Dichloroethene	ND		0.00731	0.00174	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2-Dichloropropane	ND		0.00731	0.00100	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,3-Dichloropropane	ND		0.00731	0.00168	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
2,2-Dichloropropane	ND		0.00731	0.00170	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1-Dichloropropene	ND		0.00731	0.00149	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Ethyl acetate	ND		0.0731	0.0731	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Ethylbenzene	ND		0.00731	0.00156	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Ethylene Dibromide	ND		0.00731	0.00128	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Hexachlorobutadiene	ND		0.00731	0.00234	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Hexane	ND		0.0146	0.0146	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
2-Hexanone	ND		0.0146	0.0108	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Iodomethane	ND		0.0146	0.00279	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Isopropylbenzene	ND		0.00731	0.00215	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Isopropyl ether	ND		0.0146	0.0146	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
4-Isopropyltoluene	ND		0.00731	0.00497	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Methylene Chloride	ND		0.0292	0.00822	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.0146	0.00477	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Methyl tert-butyl ether	ND		0.00731	0.00256	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
m-Xylene & p-Xylene	ND		0.0146	0.00317	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Naphthalene	ND		0.00731	0.00563	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
n-Butylbenzene	ND		0.00731	0.00257	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
n-Heptane	ND		0.0146	0.0146	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
N-Propylbenzene	ND		0.00731	0.00152	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-4
Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00731	0.00193	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
sec-Butylbenzene	ND		0.00731	0.00167	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Styrene	ND		0.00731	0.00371	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
tert-Butylbenzene	ND		0.00731	0.00174	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1,1,2-Tetrachloroethane	ND		0.00731	0.00145	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1,2,2-Tetrachloroethane	ND		0.00731	0.00190	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Tetrachloroethene	ND		0.00731	0.00119	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Toluene	ND		0.00731	0.00144	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
trans-1,4-Dichloro-2-butene	ND		0.0146	0.00737	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
trans-1,2-Dichloroethene	ND		0.00731	0.00177	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
trans-1,3-Dichloropropene	ND		0.00731	0.00151	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2,3-Trichlorobenzene	ND		0.00731	0.00382	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2,4-Trichlorobenzene	ND		0.00731	0.00294	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1,1-Trichloroethane	ND		0.00731	0.00211	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1,2-Trichloroethane	ND		0.00731	0.00132	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Trichloroethene	ND		0.00731	0.00101	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Trichlorofluoromethane	ND		0.00731	0.00276	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2,3-Trichloropropane	ND		0.00731	0.00196	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0146	0.00145	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,2,4-Trimethylbenzene	ND		0.00731	0.00171	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
1,3,5-Trimethylbenzene	ND		0.00731	0.00181	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Vinyl acetate	ND		0.0146	0.00485	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Vinyl chloride	ND		0.0146	0.00241	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1
Xylenes, Total	ND		0.00731	0.00193	mg/Kg	☼	02/08/26 12:25	02/09/26 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 127*	*02/08/26 12:25*	*02/09/26 23:36*	*1*
Dibromofluoromethane	*109*		*80 - 119*	*02/08/26 12:25*	*02/09/26 23:36*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 12:25*	*02/09/26 23:36*	*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		0.00700	0.00700	mg/Kg	☼	01/31/26 13:43	02/02/26 20:10	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*01/31/26 13:43*	*02/02/26 20:10*	*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		0.369	0.0107	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,4,5-Trichlorophenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,4,6-Trichlorophenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,4-Dichlorophenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,4-Dimethylphenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,4-Dinitrophenol	ND		1.11	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,4-Dinitrotoluene	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2,6-Dinitrotoluene	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2-Chloronaphthalene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2-Chlorophenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2-Methylnaphthalene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2-Methylphenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1

Client Sample ID: 822-SED-4
Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-4
Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
2-Nitrophenol	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
3 & 4 Methylphenol	ND		0.738	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
3,3'-Dichlorobenzidine	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
3-Nitroaniline	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4,6-Dinitro-2-methylphenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4-Bromophenyl phenyl ether	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4-Chloro-3-methylphenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4-Chloroaniline	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4-Chlorophenyl phenyl ether	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4-Nitroaniline	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
4-Nitrophenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Acenaphthene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Acenaphthylene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Acetophenone	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Anthracene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Atrazine	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Benzaldehyde	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Benzo[a]anthracene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Benzo[a]pyrene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Benzo[b]fluoranthene	**0.0627**	**J**	0.369	0.00157	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Benzo[g,h,i]perylene	**0.0452**	**J**	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Benzo[k]fluoranthene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
bis (2-chloroisopropyl) ether	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Bis(2-chloroethoxy)methane	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Bis(2-chloroethyl)ether	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Bis(2-ethylhexyl) phthalate	**0.159**	**J B *+**	0.369	0.112	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Butyl benzyl phthalate	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Caprolactam	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Carbazole	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Chrysene	**0.0552**	**J**	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Dibenz(a,h)anthracene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Dibenzofuran	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Diethyl phthalate	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Dimethyl phthalate	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Di-n-butyl phthalate	ND		1.11	0.335	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Di-n-octyl phthalate	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Fluoranthene	**0.0868**	**J**	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Fluorene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Hexachlorobenzene	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Hexachlorobutadiene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Hexachlorocyclopentadiene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Hexachloroethane	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Indeno[1,2,3-cd]pyrene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Isophorone	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Naphthalene	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Nitrobenzene	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
N-Nitrosodi-n-propylamine	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
N-Nitrosodiphenylamine	ND	*+	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1

Client Sample ID: 822-SED-4

Date Collected: 01/29/26 12:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-4

Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Phenanthrene	**0.0742**	**J**	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Phenol	ND		0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1
Pyrene	**0.0933**	**J**	0.369	0.0369	mg/Kg	☼	01/31/26 13:36	02/03/26 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:36*	*1*
2-Fluorobiphenyl (Surr)	*147*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:36*	*1*
2-Fluorophenol (Surr)	*146*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:36*	*1*
Nitrobenzene-d5 (Surr)	*172*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:36*	*1*
Phenol-d5 (Surr)	*154*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:36*	*1*
Terphenyl-d14 (Surr)	*150*		*40 - 140*	*01/31/26 13:36*	*02/03/26 02:36*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.91	0.845	mg/Kg	☼		02/11/26 18:33	1
Sulfate	ND		11.7	11.5	mg/Kg	☼		02/06/26 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.175**	**J**	0.599	0.137	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Arsenic	**1.39**		0.359	0.0320	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Barium	**19.5**		1.50	0.00847	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Beryllium	**0.207**	**J**	0.299	0.0210	mg/Kg	☼	02/03/26 09:00	02/07/26 17:36	5
Cadmium	**0.116**	**J**	0.299	0.00976	mg/Kg	☼	02/03/26 09:00	02/07/26 17:36	5
Chromium	**9.26**		0.599	0.123	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Cobalt	**3.88**		0.449	0.0169	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Copper	**15.6**	**B**	0.299	0.0311	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Lead	**29.7**		0.299	0.0353	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Manganese	**92.7**		0.599	0.0368	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Nickel	**11.6**		0.599	0.0157	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Selenium	**0.408**	**J**	1.50	0.106	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Silver	**0.0117**	**J**	0.150	0.00174	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Thallium	**0.0293**	**J**	0.419	0.0252	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Vanadium	**11.8**		0.599	0.0751	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5
Zinc	**65.1**		1.50	1.24	mg/Kg	☼	02/03/26 09:00	02/06/26 21:28	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.108	0.0158	mg/Kg	☼	02/03/26 13:35	02/05/26 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.12	0.112	mg/Kg	☼	02/02/26 09:29	02/04/26 20:52	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	☼		02/06/26 12:34	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-5
Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.239	0.0529	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Benzene	ND		0.0120	0.00181	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Bromobenzene	ND		0.0120	0.00226	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Bromoform	ND		0.0120	0.00507	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Bromomethane	ND		0.0120	0.00471	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
2-Butanone (MEK)	ND		0.120	0.0133	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Carbon disulfide	ND		0.0239	0.00612	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Carbon tetrachloride	ND		0.0120	0.00227	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Chlorobenzene	ND		0.0120	0.00201	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Chlorobromomethane	ND		0.0120	0.00287	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Chlorodibromomethane	ND		0.0120	0.00190	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Chloroethane	ND		0.0239	0.00452	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Chloroform	ND		0.0120	0.00232	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Chloromethane	ND		0.0239	0.00354	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
2-Chlorotoluene	ND		0.0120	0.00258	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
4-Chlorotoluene	ND		0.0120	0.00261	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
cis-1,2-Dichloroethene	ND		0.0120	0.00287	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
cis-1,3-Dichloropropene	ND		0.0120	0.00280	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2-Dibromo-3-Chloropropane	ND		0.0120	0.00493	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Dibromomethane	ND		0.0120	0.00242	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2-Dichlorobenzene	ND		0.0120	0.00258	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,3-Dichlorobenzene	ND		0.0120	0.00190	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,4-Dichlorobenzene	ND		0.0120	0.00278	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Dichlorobromomethane	ND		0.0120	0.00224	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1-Dichloroethane	ND		0.0120	0.00217	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2-Dichloroethane	ND		0.0120	0.00289	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1-Dichloroethene	ND		0.0120	0.00285	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2-Dichloropropane	ND		0.0120	0.00164	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,3-Dichloropropane	ND		0.0120	0.00275	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
2,2-Dichloropropane	ND		0.0120	0.00278	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1-Dichloropropene	ND		0.0120	0.00244	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Ethyl acetate	ND		0.120	0.120	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Ethylbenzene	ND		0.0120	0.00256	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Ethylene Dibromide	ND		0.0120	0.00209	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Hexachlorobutadiene	ND		0.0120	0.00383	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Hexane	ND		0.0239	0.0239	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
2-Hexanone	ND		0.0239	0.0176	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Iodomethane	ND		0.0239	0.00457	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Isopropylbenzene	ND		0.0120	0.00352	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Isopropyl ether	ND		0.0239	0.0239	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
4-Isopropyltoluene	ND		0.0120	0.00813	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Methylene Chloride	ND		0.0478	0.0134	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.0239	0.00780	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Methyl tert-butyl ether	ND		0.0120	0.00419	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
m-Xylene & p-Xylene	ND		0.0239	0.00519	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Naphthalene	ND		0.0120	0.00921	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
n-Butylbenzene	ND		0.0120	0.00421	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
n-Heptane	ND		0.0239	0.0239	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
N-Propylbenzene	ND		0.0120	0.00249	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-5
Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0120	0.00316	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
sec-Butylbenzene	ND		0.0120	0.00273	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Styrene	ND		0.0120	0.00608	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
tert-Butylbenzene	ND		0.0120	0.00285	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1,1,2-Tetrachloroethane	ND		0.0120	0.00237	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1,2,2-Tetrachloroethane	ND		0.0120	0.00311	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Tetrachloroethene	ND		0.0120	0.00195	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Toluene	ND		0.0120	0.00235	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
trans-1,4-Dichloro-2-butene	ND		0.0239	0.0121	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
trans-1,2-Dichloroethene	ND		0.0120	0.00289	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
trans-1,3-Dichloropropene	ND		0.0120	0.00246	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2,3-Trichlorobenzene	ND		0.0120	0.00624	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2,4-Trichlorobenzene	ND		0.0120	0.00481	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1,1-Trichloroethane	ND		0.0120	0.00345	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1,2-Trichloroethane	ND		0.0120	0.00215	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Trichloroethene	ND		0.0120	0.00166	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Trichlorofluoromethane	ND		0.0120	0.00452	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2,3-Trichloropropane	ND		0.0120	0.00321	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0239	0.00238	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,2,4-Trimethylbenzene	ND		0.0120	0.00280	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
1,3,5-Trimethylbenzene	ND		0.0120	0.00297	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Vinyl acetate	ND		0.0239	0.00794	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Vinyl chloride	ND		0.0239	0.00395	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1
Xylenes, Total	ND		0.0120	0.00316	mg/Kg	☼	02/08/26 12:25	02/10/26 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*	*02/08/26 12:25*	*02/10/26 00:00*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*02/08/26 12:25*	*02/10/26 00:00*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/08/26 12:25*	*02/10/26 00:00*	*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		0.00858	0.00858	mg/Kg	☼	01/31/26 13:43	02/02/26 20:32	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*50*		*10 - 150*	*01/31/26 13:43*	*02/02/26 20:32*	*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		0.464	0.0135	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,4,5-Trichlorophenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,4,6-Trichlorophenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,4-Dichlorophenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,4-Dimethylphenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,4-Dinitrophenol	ND		1.39	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,4-Dinitrotoluene	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2,6-Dinitrotoluene	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2-Chloronaphthalene	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2-Chlorophenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2-Methylnaphthalene	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2-Methylphenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-5
Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-5
Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
2-Nitrophenol	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
3 & 4 Methylphenol	ND		0.927	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
3,3'-Dichlorobenzidine	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
3-Nitroaniline	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4,6-Dinitro-2-methylphenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4-Bromophenyl phenyl ether	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4-Chloro-3-methylphenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4-Chloroaniline	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4-Chlorophenyl phenyl ether	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4-Nitroaniline	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
4-Nitrophenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Acenaphthene	**0.281**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Acenaphthylene	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Acetophenone	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Anthracene	**0.388**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Atrazine	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Benzaldehyde	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Benzo[a]anthracene	**0.974**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Benzo[a]pyrene	**0.874**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Benzo[b]fluoranthene	**1.16**		0.464	0.00197	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Benzo[g,h,i]perylene	**0.580**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Benzo[k]fluoranthene	**0.412**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
bis (2-chloroisopropyl) ether	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Bis(2-chloroethoxy)methane	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Bis(2-chloroethyl)ether	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Bis(2-ethylhexyl) phthalate	**0.229**	**J B *+**	0.464	0.141	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Butyl benzyl phthalate	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Caprolactam	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Carbazole	**0.213**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Chrysene	**0.910**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Dibenz(a,h)anthracene	**0.141**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Dibenzofuran	**0.100**	**J *+**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Diethyl phthalate	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Dimethyl phthalate	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Di-n-butyl phthalate	ND		1.39	0.422	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Di-n-octyl phthalate	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Fluoranthene	**2.10**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Fluorene	**0.171**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Hexachlorobenzene	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Hexachlorobutadiene	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Hexachlorocyclopentadiene	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Hexachloroethane	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Indeno[1,2,3-cd]pyrene	**0.600**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Isophorone	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Naphthalene	**0.0700**	**J**	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Nitrobenzene	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
N-Nitrosodi-n-propylamine	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
N-Nitrosodiphenylamine	ND	*+	0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1

Client Sample ID: 822-SED-5

Date Collected: 01/29/26 12:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-5

Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Phenanthrene	**1.77**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Phenol	ND		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1
Pyrene	**1.71**		0.464	0.0464	mg/Kg	☼	01/31/26 13:36	02/03/26 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:06*	*1*
2-Fluorobiphenyl (Surr)	*134*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:06*	*1*
2-Fluorophenol (Surr)	*134*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:06*	*1*
Nitrobenzene-d5 (Surr)	*157*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 03:06*	*1*
Phenol-d5 (Surr)	*141*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 03:06*	*1*
Terphenyl-d14 (Surr)	*133*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.32**	**J**	3.62	1.05	mg/Kg	☼		02/11/26 18:44	1
Sulfate	ND		14.5	14.2	mg/Kg	☼		02/06/26 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.684**	**J**	0.764	0.175	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Arsenic	**3.28**		0.458	0.0409	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Barium	**64.5**		1.91	0.0108	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Beryllium	**0.218**	**J**	0.382	0.0268	mg/Kg	☼	02/03/26 09:00	02/07/26 17:38	5
Cadmium	**0.277**	**J**	0.382	0.0125	mg/Kg	☼	02/03/26 09:00	02/07/26 17:38	5
Chromium	**13.9**		0.764	0.157	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Cobalt	**4.04**		0.573	0.0216	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Copper	**50.9**	**B**	0.382	0.0397	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Lead	**105**		0.382	0.0451	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Manganese	**132**		0.764	0.0470	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Nickel	**12.6**		0.764	0.0200	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Selenium	**0.541**	**J**	1.91	0.136	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Silver	**0.0323**	**J**	0.191	0.00222	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Thallium	ND		0.535	0.0322	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Vanadium	**14.4**		0.764	0.0959	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5
Zinc	**154**		1.91	1.59	mg/Kg	☼	02/03/26 09:00	02/06/26 21:31	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.140	0.0204	mg/Kg	☼	02/03/26 13:35	02/05/26 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.42	0.142	mg/Kg	☼	02/02/26 09:29	02/04/26 21:05	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.43	0.458	mg/Kg	☼		02/06/26 12:37	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-6
Matrix: Solid
Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.207	0.0457	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Benzene	ND		0.0103	0.00156	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Bromobenzene	ND		0.0103	0.00195	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Bromoform	ND		0.0103	0.00438	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Bromomethane	ND		0.0103	0.00407	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
2-Butanone (MEK)	ND		0.103	0.0115	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Carbon disulfide	ND		0.0207	0.00529	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Carbon tetrachloride	ND		0.0103	0.00196	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Chlorobenzene	ND		0.0103	0.00173	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Chlorobromomethane	ND		0.0103	0.00248	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Chlorodibromomethane	ND		0.0103	0.00164	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Chloroethane	ND		0.0207	0.00391	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Chloroform	ND		0.0103	0.00200	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Chloromethane	ND		0.0207	0.00306	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
2-Chlorotoluene	ND		0.0103	0.00223	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
4-Chlorotoluene	ND		0.0103	0.00225	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
cis-1,2-Dichloroethene	ND		0.0103	0.00248	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
cis-1,3-Dichloropropene	ND		0.0103	0.00242	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2-Dibromo-3-Chloropropane	ND		0.0103	0.00426	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Dibromomethane	ND		0.0103	0.00209	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2-Dichlorobenzene	ND		0.0103	0.00223	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,3-Dichlorobenzene	ND		0.0103	0.00165	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,4-Dichlorobenzene	ND		0.0103	0.00240	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Dichlorobromomethane	ND		0.0103	0.00194	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1-Dichloroethane	ND		0.0103	0.00187	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2-Dichloroethane	ND		0.0103	0.00250	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1-Dichloroethene	ND		0.0103	0.00246	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2-Dichloropropane	ND		0.0103	0.00142	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,3-Dichloropropane	ND		0.0103	0.00238	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
2,2-Dichloropropane	ND		0.0103	0.00240	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1-Dichloropropene	ND		0.0103	0.00211	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Ethyl acetate	ND		0.103	0.103	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Ethylbenzene	ND		0.0103	0.00221	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Ethylene Dibromide	ND		0.0103	0.00180	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Hexachlorobutadiene	ND	*-	0.0103	0.00331	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Hexane	ND		0.0207	0.0207	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
2-Hexanone	ND		0.0207	0.0152	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Iodomethane	ND		0.0207	0.00395	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Isopropylbenzene	ND		0.0103	0.00304	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Isopropyl ether	ND		0.0207	0.0207	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
4-Isopropyltoluene	ND		0.0103	0.00703	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Methylene Chloride	ND		0.0413	0.0116	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.0207	0.00674	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Methyl tert-butyl ether	ND		0.0103	0.00362	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
m-Xylene & p-Xylene	ND		0.0207	0.00449	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Naphthalene	ND		0.0103	0.00796	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
n-Butylbenzene	ND		0.0103	0.00364	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
n-Heptane	ND		0.0207	0.0207	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
N-Propylbenzene	ND		0.0103	0.00215	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-6
Matrix: Solid
Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0103	0.00273	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
sec-Butylbenzene	ND		0.0103	0.00236	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Styrene	ND		0.0103	0.00525	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
tert-Butylbenzene	ND		0.0103	0.00246	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1,1,2-Tetrachloroethane	ND		0.0103	0.00204	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1,2,2-Tetrachloroethane	ND		0.0103	0.00269	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Tetrachloroethene	ND		0.0103	0.00168	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Toluene	ND		0.0103	0.00203	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
trans-1,4-Dichloro-2-butene	ND		0.0207	0.0104	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
trans-1,2-Dichloroethene	ND		0.0103	0.00250	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
trans-1,3-Dichloropropene	ND		0.0103	0.00213	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2,3-Trichlorobenzene	ND		0.0103	0.00540	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2,4-Trichlorobenzene	ND		0.0103	0.00416	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1,1-Trichloroethane	ND		0.0103	0.00298	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1,2-Trichloroethane	ND		0.0103	0.00186	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Trichloroethene	ND		0.0103	0.00143	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Trichlorofluoromethane	ND		0.0103	0.00391	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2,3-Trichloropropane	ND		0.0103	0.00277	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0207	0.00205	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,2,4-Trimethylbenzene	ND		0.0103	0.00242	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
1,3,5-Trimethylbenzene	ND		0.0103	0.00256	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Vinyl acetate	ND		0.0207	0.00686	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Vinyl chloride	ND		0.0207	0.00341	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1
Xylenes, Total	ND		0.0103	0.00273	mg/Kg	☼	02/08/26 12:25	02/10/26 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 127*	*02/08/26 12:25*	*02/10/26 15:13*	*1*
Dibromofluoromethane	*101*		*80 - 119*	*02/08/26 12:25*	*02/10/26 15:13*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*	*02/08/26 12:25*	*02/10/26 15:13*	*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	**0.00770**		0.00746	0.00746	mg/Kg	☼	01/31/26 13:43	02/02/26 20:53	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*01/31/26 13:43*	*02/02/26 20:53*	*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		0.402	0.0117	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,4,5-Trichlorophenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,4,6-Trichlorophenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,4-Dichlorophenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,4-Dimethylphenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,4-Dinitrophenol	ND		1.21	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,4-Dinitrotoluene	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2,6-Dinitrotoluene	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2-Chloronaphthalene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2-Chlorophenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2-Methylnaphthalene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2-Methylphenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-6
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-6
Matrix: Solid
Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
2-Nitrophenol	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
3 & 4 Methylphenol	ND		0.803	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
3,3'-Dichlorobenzidine	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
3-Nitroaniline	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4,6-Dinitro-2-methylphenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4-Bromophenyl phenyl ether	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4-Chloro-3-methylphenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4-Chloroaniline	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4-Chlorophenyl phenyl ether	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4-Nitroaniline	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
4-Nitrophenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Acenaphthene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Acenaphthylene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Acetophenone	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Anthracene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Atrazine	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Benzaldehyde	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Benzo[a]anthracene	**0.0682**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Benzo[a]pyrene	**0.0713**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Benzo[b]fluoranthene	**0.114**	**J**	0.402	0.00170	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Benzo[g,h,i]perylene	**0.0853**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Benzo[k]fluoranthene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
bis (2-chloroisopropyl) ether	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Bis(2-chloroethoxy)methane	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Bis(2-chloroethyl)ether	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Bis(2-ethylhexyl) phthalate	**0.168**	**J B *+**	0.402	0.122	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Butyl benzyl phthalate	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Caprolactam	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Carbazole	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Chrysene	**0.0873**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Dibenz(a,h)anthracene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Dibenzofuran	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Diethyl phthalate	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Dimethyl phthalate	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Di-n-butyl phthalate	ND		1.21	0.365	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Di-n-octyl phthalate	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Fluoranthene	**0.182**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Fluorene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Hexachlorobenzene	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Hexachlorobutadiene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Hexachlorocyclopentadiene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Hexachloroethane	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Indeno[1,2,3-cd]pyrene	**0.0667**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Isophorone	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Naphthalene	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Nitrobenzene	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
N-Nitrosodi-n-propylamine	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
N-Nitrosodiphenylamine	ND	*+	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1

Client Sample ID: 822-SED-6

Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-6

Matrix: Solid
Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Phenanthrene	**0.151**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Phenol	ND		0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1
Pyrene	**0.168**	**J**	0.402	0.0402	mg/Kg	☼	01/31/26 13:36	02/03/26 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:36*	*1*
2-Fluorobiphenyl (Surr)	*138*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:36*	*1*
2-Fluorophenol (Surr)	*133*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:36*	*1*
Nitrobenzene-d5 (Surr)	*161*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 03:36*	*1*
Phenol-d5 (Surr)	*142*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 03:36*	*1*
Terphenyl-d14 (Surr)	*136*		*40 - 140*	*01/31/26 13:36*	*02/03/26 03:36*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.15	0.914	mg/Kg	☼		02/11/26 18:55	1
Sulfate	ND		12.6	12.3	mg/Kg	☼		02/06/26 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.149**	**J**	0.653	0.149	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Arsenic	**1.63**		0.392	0.0349	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Barium	**18.6**		1.63	0.00924	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Beryllium	**0.136**	**J**	0.326	0.0229	mg/Kg	☼	02/03/26 09:00	02/07/26 17:41	5
Cadmium	**0.141**	**J**	0.326	0.0106	mg/Kg	☼	02/03/26 09:00	02/07/26 17:41	5
Chromium	**7.25**		0.653	0.135	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Cobalt	**2.92**		0.490	0.0185	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Copper	**10.9**	**B**	0.326	0.0340	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Lead	**20.5**		0.326	0.0385	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Manganese	**66.5**		0.653	0.0402	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Nickel	**8.20**		0.653	0.0171	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Selenium	**0.278**	**J**	1.63	0.116	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Silver	**0.0143**	**J**	0.163	0.00189	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Thallium	ND		0.457	0.0275	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Vanadium	**10.5**		0.653	0.0819	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5
Zinc	**60.7**		1.63	1.35	mg/Kg	☼	02/03/26 09:00	02/06/26 21:55	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.122	0.0179	mg/Kg	☼	02/03/26 13:35	02/05/26 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.20	0.120	mg/Kg	☼	02/02/26 09:29	02/04/26 21:17	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.20	0.385	mg/Kg	☼		02/06/26 12:39	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-7
Matrix: Solid
Percent Solids: 72.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.206	0.0455	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Benzene	ND		0.0103	0.00156	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Bromobenzene	ND		0.0103	0.00194	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Bromoform	ND		0.0103	0.00436	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Bromomethane	ND		0.0103	0.00406	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
2-Butanone (MEK)	ND		0.103	0.0114	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Carbon disulfide	ND		0.0206	0.00527	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Carbon tetrachloride	ND		0.0103	0.00195	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Chlorobenzene	ND		0.0103	0.00173	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Chlorobromomethane	ND		0.0103	0.00247	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Chlorodibromomethane	ND		0.0103	0.00164	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Chloroethane	ND		0.0206	0.00389	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Chloroform	ND		0.0103	0.00199	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Chloromethane	ND		0.0206	0.00305	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
2-Chlorotoluene	ND		0.0103	0.00222	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
4-Chlorotoluene	ND		0.0103	0.00224	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
cis-1,2-Dichloroethene	ND		0.0103	0.00247	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
cis-1,3-Dichloropropene	ND		0.0103	0.00241	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2-Dibromo-3-Chloropropane	ND		0.0103	0.00424	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Dibromomethane	ND		0.0103	0.00208	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2-Dichlorobenzene	ND		0.0103	0.00222	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,3-Dichlorobenzene	ND		0.0103	0.00164	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,4-Dichlorobenzene	ND		0.0103	0.00239	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Dichlorobromomethane	ND		0.0103	0.00193	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1-Dichloroethane	ND		0.0103	0.00186	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2-Dichloroethane	ND		0.0103	0.00249	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1-Dichloroethene	ND		0.0103	0.00245	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2-Dichloropropane	ND		0.0103	0.00141	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,3-Dichloropropane	ND		0.0103	0.00237	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
2,2-Dichloropropane	ND		0.0103	0.00239	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1-Dichloropropene	ND		0.0103	0.00210	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Ethyl acetate	ND		0.103	0.103	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Ethylbenzene	ND		0.0103	0.00220	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Ethylene Dibromide	ND		0.0103	0.00180	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Hexachlorobutadiene	ND		0.0103	0.00329	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Hexane	ND		0.0206	0.0206	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
2-Hexanone	ND		0.0206	0.0152	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Iodomethane	ND		0.0206	0.00393	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Isopropylbenzene	ND		0.0103	0.00303	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Isopropyl ether	ND		0.0206	0.0206	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
4-Isopropyltoluene	ND		0.0103	0.00700	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Methylene Chloride	ND		0.0412	0.0116	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.0206	0.00671	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Methyl tert-butyl ether	ND		0.0103	0.00360	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
m-Xylene & p-Xylene	ND		0.0206	0.00447	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Naphthalene	ND		0.0103	0.00793	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
n-Butylbenzene	ND		0.0103	0.00362	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
n-Heptane	ND		0.0206	0.0206	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
N-Propylbenzene	ND		0.0103	0.00214	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-7
Matrix: Solid
Percent Solids: 72.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0103	0.00272	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
sec-Butylbenzene	ND		0.0103	0.00235	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Styrene	ND		0.0103	0.00523	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
tert-Butylbenzene	ND		0.0103	0.00245	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1,1,2-Tetrachloroethane	ND		0.0103	0.00204	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1,2,2-Tetrachloroethane	ND		0.0103	0.00268	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Tetrachloroethene	ND		0.0103	0.00168	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Toluene	ND		0.0103	0.00202	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
trans-1,4-Dichloro-2-butene	ND		0.0206	0.0104	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
trans-1,2-Dichloroethene	ND		0.0103	0.00249	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
trans-1,3-Dichloropropene	ND		0.0103	0.00212	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2,3-Trichlorobenzene	ND		0.0103	0.00537	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2,4-Trichlorobenzene	ND		0.0103	0.00414	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1,1-Trichloroethane	ND		0.0103	0.00296	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1,2-Trichloroethane	ND		0.0103	0.00185	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Trichloroethene	ND		0.0103	0.00143	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Trichlorofluoromethane	ND		0.0103	0.00389	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2,3-Trichloropropane	ND		0.0103	0.00276	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0206	0.00204	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,2,4-Trimethylbenzene	ND		0.0103	0.00241	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
1,3,5-Trimethylbenzene	ND		0.0103	0.00255	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Vinyl acetate	ND		0.0206	0.00683	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Vinyl chloride	ND		0.0206	0.00340	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1
Xylenes, Total	ND		0.0103	0.00272	mg/Kg	☼	02/08/26 12:25	02/10/26 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*02/08/26 12:25*	*02/10/26 00:48*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*02/08/26 12:25*	*02/10/26 00:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 12:25*	*02/10/26 00:48*	*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		0.00807	0.00807	mg/Kg	☼	01/31/26 13:43	02/02/26 21:14	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*01/31/26 13:43*	*02/02/26 21:14*	*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		0.452	0.0131	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,4,5-Trichlorophenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,4,6-Trichlorophenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,4-Dichlorophenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,4-Dimethylphenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,4-Dinitrophenol	ND		1.35	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,4-Dinitrotoluene	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2,6-Dinitrotoluene	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2-Chloronaphthalene	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2-Chlorophenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2-Methylnaphthalene	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2-Methylphenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-7
Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-7
Matrix: Solid
Percent Solids: 72.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
2-Nitrophenol	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
3 & 4 Methylphenol	ND		0.903	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
3,3'-Dichlorobenzidine	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
3-Nitroaniline	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4,6-Dinitro-2-methylphenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4-Bromophenyl phenyl ether	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4-Chloro-3-methylphenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4-Chloroaniline	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4-Chlorophenyl phenyl ether	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4-Nitroaniline	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
4-Nitrophenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Acenaphthene	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Acenaphthylene	**0.0642**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Acetophenone	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Anthracene	**0.102**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Atrazine	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Benzaldehyde	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Benzo[a]anthracene	**0.355**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Benzo[a]pyrene	**0.351**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Benzo[b]fluoranthene	**0.467**		0.452	0.00192	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Benzo[g,h,i]perylene	**0.254**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Benzo[k]fluoranthene	**0.157**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
bis (2-chloroisopropyl) ether	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Bis(2-chloroethoxy)methane	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Bis(2-chloroethyl)ether	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Bis(2-ethylhexyl) phthalate	**0.195**	**J B *+**	0.452	0.137	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Butyl benzyl phthalate	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Caprolactam	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Carbazole	**0.0647**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Chrysene	**0.341**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Dibenz(a,h)anthracene	**0.0571**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Dibenzofuran	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Diethyl phthalate	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Dimethyl phthalate	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Di-n-butyl phthalate	ND		1.35	0.411	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Di-n-octyl phthalate	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Fluoranthene	**0.731**		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Fluorene	**0.0493**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Hexachlorobenzene	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Hexachlorobutadiene	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Hexachlorocyclopentadiene	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Hexachloroethane	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Indeno[1,2,3-cd]pyrene	**0.252**	**J**	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Isophorone	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Naphthalene	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Nitrobenzene	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
N-Nitrosodi-n-propylamine	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
N-Nitrosodiphenylamine	ND	*+	0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1

Client Sample ID: 822-SED-7

Date Collected: 01/29/26 10:30
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-7

Matrix: Solid
Percent Solids: 72.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Phenanthrene	**0.497**		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Phenol	ND		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1
Pyrene	**0.591**		0.452	0.0452	mg/Kg	☼	01/31/26 13:36	02/03/26 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*40 - 140*	*01/31/26 13:36*	*02/03/26 04:06*	*1*
2-Fluorobiphenyl (Surr)	*139*		*40 - 140*	*01/31/26 13:36*	*02/03/26 04:06*	*1*
2-Fluorophenol (Surr)	*137*		*40 - 140*	*01/31/26 13:36*	*02/03/26 04:06*	*1*
Nitrobenzene-d5 (Surr)	*163*	*S1+*	*40 - 140*	*01/31/26 13:36*	*02/03/26 04:06*	*1*
Phenol-d5 (Surr)	*140*		*40 - 140*	*01/31/26 13:36*	*02/03/26 04:06*	*1*
Terphenyl-d14 (Surr)	*140*		*40 - 140*	*01/31/26 13:36*	*02/03/26 04:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.09**	**J**	3.45	1.00	mg/Kg	☼		02/11/26 19:07	1
Sulfate	**32.5**		13.6	13.4	mg/Kg	☼		02/06/26 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.208**	**J F1**	0.719	0.164	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Arsenic	**0.932**		0.432	0.0385	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Barium	**22.1**		1.80	0.0102	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Beryllium	**0.148**	**J**	0.360	0.0252	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Cadmium	**0.128**	**J**	0.360	0.0117	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Chromium	**5.55**		0.719	0.148	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Cobalt	**2.66**		0.539	0.0204	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Copper	**10.9**	**F1 B**	0.360	0.0374	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Lead	**30.7**	**F2**	0.360	0.0424	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Manganese	**62.5**		0.719	0.0442	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Nickel	**8.17**	**F1**	0.719	0.0188	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Selenium	**0.196**	**J**	1.80	0.128	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Silver	**0.0156**	**J**	0.180	0.00209	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Thallium	ND		0.503	0.0303	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Vanadium	**12.4**		0.719	0.0903	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5
Zinc	**54.3**		1.80	1.49	mg/Kg	☼	02/03/26 09:00	02/06/26 00:25	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.132	0.0193	mg/Kg	☼	02/03/26 13:35	02/05/26 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.38	0.138	mg/Kg	☼	02/02/26 09:29	02/04/26 21:30	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	☼		02/06/26 12:42	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-8
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.200	0.0443	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Benzene	ND		0.0100	0.00151	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Bromobenzene	ND		0.0100	0.00189	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Bromoform	ND		0.0100	0.00425	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Bromomethane	ND		0.0100	0.00394	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
2-Butanone (MEK)	ND		0.100	0.0111	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Carbon disulfide	ND		0.0200	0.00513	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Carbon tetrachloride	ND		0.0100	0.00190	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Chlorobenzene	ND		0.0100	0.00168	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Chlorobromomethane	ND		0.0100	0.00240	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Chlorodibromomethane	ND		0.0100	0.00159	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Chloroethane	ND		0.0200	0.00378	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Chloroform	ND		0.0100	0.00194	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Chloromethane	ND		0.0200	0.00296	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
2-Chlorotoluene	ND		0.0100	0.00216	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
4-Chlorotoluene	ND		0.0100	0.00218	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
cis-1,2-Dichloroethene	ND		0.0100	0.00240	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
cis-1,3-Dichloropropene	ND		0.0100	0.00234	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2-Dibromo-3-Chloropropane	ND		0.0100	0.00413	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Dibromomethane	ND		0.0100	0.00202	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2-Dichlorobenzene	ND		0.0100	0.00216	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,3-Dichlorobenzene	ND		0.0100	0.00159	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,4-Dichlorobenzene	ND		0.0100	0.00232	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Dichlorobromomethane	ND		0.0100	0.00188	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1-Dichloroethane	ND		0.0100	0.00181	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2-Dichloroethane	ND		0.0100	0.00242	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1-Dichloroethene	ND		0.0100	0.00238	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2-Dichloropropane	ND		0.0100	0.00137	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,3-Dichloropropane	ND		0.0100	0.00230	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
2,2-Dichloropropane	ND		0.0100	0.00232	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1-Dichloropropene	ND		0.0100	0.00204	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Ethyl acetate	ND		0.100	0.100	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Ethylbenzene	ND		0.0100	0.00214	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Ethylene Dibromide	ND		0.0100	0.00175	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Hexachlorobutadiene	ND	*-	0.0100	0.00320	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Hexane	ND		0.0200	0.0200	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
2-Hexanone	ND		0.0200	0.0148	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Iodomethane	ND		0.0200	0.00382	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Isopropylbenzene	ND		0.0100	0.00294	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Isopropyl ether	ND		0.0200	0.0200	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
4-Isopropyltoluene	ND		0.0100	0.00681	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Methylene Chloride	ND		0.0400	0.0113	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.0200	0.00653	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Methyl tert-butyl ether	ND		0.0100	0.00350	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
m-Xylene & p-Xylene	ND		0.0200	0.00435	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Naphthalene	ND		0.0100	0.00771	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
n-Butylbenzene	ND		0.0100	0.00352	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
n-Heptane	ND		0.0200	0.0200	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
N-Propylbenzene	ND		0.0100	0.00208	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-8
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0100	0.00264	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
sec-Butylbenzene	ND		0.0100	0.00228	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Styrene	ND		0.0100	0.00509	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
tert-Butylbenzene	ND		0.0100	0.00238	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1,1,2-Tetrachloroethane	ND		0.0100	0.00198	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1,2,2-Tetrachloroethane	ND		0.0100	0.00260	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Tetrachloroethene	ND		0.0100	0.00163	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Toluene	ND		0.0100	0.00197	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
trans-1,4-Dichloro-2-butene	ND		0.0200	0.0101	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
trans-1,2-Dichloroethene	ND		0.0100	0.00242	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
trans-1,3-Dichloropropene	ND		0.0100	0.00206	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2,3-Trichlorobenzene	ND		0.0100	0.00523	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2,4-Trichlorobenzene	ND		0.0100	0.00402	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1,1-Trichloroethane	ND		0.0100	0.00288	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1,2-Trichloroethane	ND		0.0100	0.00180	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Trichloroethene	ND		0.0100	0.00139	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Trichlorofluoromethane	ND		0.0100	0.00378	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2,3-Trichloropropane	ND		0.0100	0.00268	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0200	0.00199	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,2,4-Trimethylbenzene	ND		0.0100	0.00234	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
1,3,5-Trimethylbenzene	ND		0.0100	0.00248	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Vinyl acetate	ND		0.0200	0.00665	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Vinyl chloride	ND		0.0200	0.00330	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1
Xylenes, Total	ND		0.0100	0.00264	mg/Kg	☼	02/08/26 13:12	02/10/26 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*02/08/26 13:12*	*02/10/26 15:36*	*1*
Dibromofluoromethane	*102*		*80 - 119*	*02/08/26 13:12*	*02/10/26 15:36*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/08/26 13:12*	*02/10/26 15:36*	*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	**0.00918**		0.00733	0.00733	mg/Kg	☼	01/31/26 13:43	02/02/26 21:35	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*01/31/26 13:43*	*02/02/26 21:35*	*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		0.386	0.0112	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2,4,5-Trichlorophenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2,4,6-Trichlorophenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2,4-Dichlorophenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2,4-Dimethylphenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2,4-Dinitrophenol	ND		1.16	0.0386	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
2,4-Dinitrotoluene	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
2,6-Dinitrotoluene	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
2-Chloronaphthalene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2-Chlorophenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2-Methylnaphthalene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2-Methylphenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-8
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
2-Nitrophenol	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
3 & 4 Methylphenol	ND		0.772	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
3,3'-Dichlorobenzidine	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
3-Nitroaniline	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
4,6-Dinitro-2-methylphenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
4-Bromophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
4-Chloro-3-methylphenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
4-Chloroaniline	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
4-Chlorophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
4-Nitroaniline	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
4-Nitrophenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Acenaphthene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Acenaphthylene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Acetophenone	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Anthracene	**0.0834**	**J**	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Atrazine	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Benzaldehyde	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Benzo[a]anthracene	**0.444**		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Benzo[a]pyrene	**0.407**		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Benzo[b]fluoranthene	**0.578**		0.386	0.00164	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Benzo[g,h,i]perylene	**0.261**	**J**	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Benzo[k]fluoranthene	**0.197**	**J**	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
bis (2-chloroisopropyl) ether	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Bis(2-chloroethoxy)methane	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Bis(2-chloroethyl)ether	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Bis(2-ethylhexyl) phthalate	ND	*+	0.386	0.117	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
Butyl benzyl phthalate	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Caprolactam	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Carbazole	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Chrysene	**0.422**		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Dibenz(a,h)anthracene	**0.0746**	**J**	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Dibenzofuran	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Diethyl phthalate	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Dimethyl phthalate	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Di-n-butyl phthalate	ND		1.16	0.351	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
Di-n-octyl phthalate	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/06/26 14:22	1
Fluoranthene	**0.828**		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Fluorene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Hexachlorobenzene	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Hexachlorobutadiene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Hexachlorocyclopentadiene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Hexachloroethane	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Indeno[1,2,3-cd]pyrene	**0.288**	**J**	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Isophorone	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Naphthalene	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Nitrobenzene	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
N-Nitrosodi-n-propylamine	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
N-Nitrosodiphenylamine	ND	*+	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-8
Date Collected: 01/29/26 09:45
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-8
Matrix: Solid
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Phenanthrene	**0.369**	**J**	0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Phenol	ND		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1
Pyrene	**0.671**		0.386	0.0386	mg/Kg	☼	01/31/26 13:36	02/03/26 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:22*	*1*
2-Fluorobiphenyl (Surr)	*104*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:22*	*1*
2-Fluorophenol (Surr)	*120*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:22*	*1*
Nitrobenzene-d5 (Surr)	*128*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:22*	*1*
Phenol-d5 (Surr)	*127*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:22*	*1*
Terphenyl-d14 (Surr)	*114*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:22*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.939**	**J**	3.06	0.888	mg/Kg	☼		02/11/26 19:18	1
Sulfate	**18.5**		12.1	11.9	mg/Kg	☼		02/06/26 20:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.619	0.141	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Arsenic	**0.274**	**J**	0.371	0.0331	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Barium	**12.2**		1.55	0.00876	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Beryllium	**0.0751**	**J**	0.310	0.0217	mg/Kg	☼	02/03/26 09:00	02/07/26 17:55	5
Cadmium	**0.0449**	**J**	0.310	0.0101	mg/Kg	☼	02/03/26 09:00	02/07/26 17:55	5
Chromium	**2.35**		0.619	0.128	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Cobalt	**1.63**		0.464	0.0175	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Copper	**10.0**	**B**	0.310	0.0322	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Lead	**8.90**		0.310	0.0365	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Manganese	**36.3**		0.619	0.0381	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Nickel	**5.37**		0.619	0.0162	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Selenium	ND		1.55	0.110	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Silver	**0.00934**	**J**	0.155	0.00180	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Thallium	ND		0.433	0.0261	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Vanadium	**5.87**		0.619	0.0777	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5
Zinc	**20.5**		1.55	1.28	mg/Kg	☼	02/03/26 09:00	02/06/26 21:58	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.112	0.0164	mg/Kg	☼	02/03/26 13:35	02/05/26 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.131**	**J**	1.23	0.123	mg/Kg	☼	02/02/26 09:29	02/04/26 22:08	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.22	0.390	mg/Kg	☼		02/06/26 12:45	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-9
Matrix: Solid
Percent Solids: 70.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.220	0.0487	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Benzene	ND		0.0110	0.00167	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Bromobenzene	ND		0.0110	0.00208	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Bromoform	ND		0.0110	0.00467	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Bromomethane	ND		0.0110	0.00434	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
2-Butanone (MEK)	ND		0.110	0.0122	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Carbon disulfide	ND		0.0220	0.00564	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Carbon tetrachloride	ND		0.0110	0.00209	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Chlorobenzene	ND		0.0110	0.00185	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Chlorobromomethane	ND		0.0110	0.00264	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Chlorodibromomethane	ND		0.0110	0.00175	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Chloroethane	ND		0.0220	0.00416	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Chloroform	ND		0.0110	0.00213	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Chloromethane	ND		0.0220	0.00326	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
2-Chlorotoluene	ND		0.0110	0.00238	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
4-Chlorotoluene	ND		0.0110	0.00240	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
cis-1,2-Dichloroethene	ND		0.0110	0.00264	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
cis-1,3-Dichloropropene	ND		0.0110	0.00258	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2-Dibromo-3-Chloropropane	ND		0.0110	0.00454	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Dibromomethane	ND		0.0110	0.00222	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2-Dichlorobenzene	ND		0.0110	0.00238	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,3-Dichlorobenzene	ND		0.0110	0.00175	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,4-Dichlorobenzene	ND		0.0110	0.00255	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Dichlorobromomethane	ND		0.0110	0.00207	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1-Dichloroethane	ND		0.0110	0.00199	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2-Dichloroethane	ND		0.0110	0.00267	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1-Dichloroethene	ND		0.0110	0.00262	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2-Dichloropropane	ND		0.0110	0.00151	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,3-Dichloropropane	ND		0.0110	0.00253	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
2,2-Dichloropropane	ND		0.0110	0.00255	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1-Dichloropropene	ND		0.0110	0.00225	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Ethyl acetate	ND		0.110	0.110	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Ethylbenzene	ND		0.0110	0.00236	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Ethylene Dibromide	ND		0.0110	0.00192	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Hexachlorobutadiene	ND		0.0110	0.00352	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Hexane	ND		0.0220	0.0220	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
2-Hexanone	ND		0.0220	0.0162	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Iodomethane	ND		0.0220	0.00421	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Isopropylbenzene	ND		0.0110	0.00324	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Isopropyl ether	ND		0.0220	0.0220	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
4-Isopropyltoluene	ND		0.0110	0.00749	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Methylene Chloride	ND		0.0441	0.0124	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.0220	0.00718	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Methyl tert-butyl ether	ND		0.0110	0.00385	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
m-Xylene & p-Xylene	ND		0.0220	0.00478	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Naphthalene	ND		0.0110	0.00848	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
n-Butylbenzene	ND		0.0110	0.00388	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
n-Heptane	ND		0.0220	0.0220	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
N-Propylbenzene	ND		0.0110	0.00229	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-9
Matrix: Solid
Percent Solids: 70.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0110	0.00291	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
sec-Butylbenzene	ND		0.0110	0.00251	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Styrene	ND		0.0110	0.00559	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
tert-Butylbenzene	ND		0.0110	0.00262	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1,1,2-Tetrachloroethane	ND		0.0110	0.00218	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1,2,2-Tetrachloroethane	ND		0.0110	0.00286	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Tetrachloroethene	ND		0.0110	0.00179	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Toluene	ND		0.0110	0.00216	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
trans-1,4-Dichloro-2-butene	ND		0.0220	0.0111	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
trans-1,2-Dichloroethene	ND		0.0110	0.00267	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
trans-1,3-Dichloropropene	ND		0.0110	0.00227	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2,3-Trichlorobenzene	ND		0.0110	0.00575	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2,4-Trichlorobenzene	ND		0.0110	0.00443	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1,1-Trichloroethane	ND		0.0110	0.00317	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1,2-Trichloroethane	ND		0.0110	0.00198	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Trichloroethene	ND		0.0110	0.00153	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Trichlorofluoromethane	ND		0.0110	0.00416	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2,3-Trichloropropane	ND		0.0110	0.00295	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0220	0.00219	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,2,4-Trimethylbenzene	ND		0.0110	0.00258	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
1,3,5-Trimethylbenzene	ND		0.0110	0.00273	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Vinyl acetate	ND		0.0220	0.00731	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Vinyl chloride	ND		0.0220	0.00363	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1
Xylenes, Total	ND		0.0110	0.00291	mg/Kg	☼	02/08/26 13:12	02/10/26 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*02/08/26 13:12*	*02/10/26 01:35*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*02/08/26 13:12*	*02/10/26 01:35*	*1*
Toluene-d8 (Surr)	*104*		*71 - 129*	*02/08/26 13:12*	*02/10/26 01:35*	*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		0.00832	0.00832	mg/Kg	☼	01/31/26 13:43	02/02/26 21:56	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*51*		*10 - 150*	*01/31/26 13:43*	*02/02/26 21:56*	*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		0.459	0.0134	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2,4,5-Trichlorophenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2,4,6-Trichlorophenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2,4-Dichlorophenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2,4-Dimethylphenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2,4-Dinitrophenol	ND		1.38	0.0459	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
2,4-Dinitrotoluene	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
2,6-Dinitrotoluene	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
2-Chloronaphthalene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2-Chlorophenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2-Methylnaphthalene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2-Methylphenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-9
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-9
Matrix: Solid
Percent Solids: 70.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
2-Nitrophenol	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
3 & 4 Methylphenol	ND		0.918	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
3,3'-Dichlorobenzidine	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
3-Nitroaniline	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
4,6-Dinitro-2-methylphenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
4-Bromophenyl phenyl ether	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
4-Chloro-3-methylphenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
4-Chloroaniline	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
4-Chlorophenyl phenyl ether	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
4-Nitroaniline	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
4-Nitrophenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Acenaphthene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Acenaphthylene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Acetophenone	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Anthracene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Atrazine	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Benzaldehyde	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Benzo[a]anthracene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Benzo[a]pyrene	**0.0495**	**J**	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Benzo[b]fluoranthene	**0.0769**	**J**	0.459	0.00195	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Benzo[g,h,i]perylene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Benzo[k]fluoranthene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
bis (2-chloroisopropyl) ether	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Bis(2-chloroethoxy)methane	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Bis(2-chloroethyl)ether	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Bis(2-ethylhexyl) phthalate	ND	*+	0.459	0.139	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
Butyl benzyl phthalate	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Caprolactam	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Carbazole	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Chrysene	**0.0595**	**J**	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Dibenz(a,h)anthracene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Dibenzofuran	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Diethyl phthalate	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Dimethyl phthalate	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Di-n-butyl phthalate	ND		1.38	0.417	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
Di-n-octyl phthalate	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/06/26 14:53	1
Fluoranthene	**0.110**	**J**	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Fluorene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Hexachlorobenzene	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Hexachlorobutadiene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Hexachlorocyclopentadiene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Hexachloroethane	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Indeno[1,2,3-cd]pyrene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Isophorone	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Naphthalene	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Nitrobenzene	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
N-Nitrosodi-n-propylamine	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
N-Nitrosodiphenylamine	ND	*+	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1

Client Sample ID: 822-SED-9

Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-9

Matrix: Solid
Percent Solids: 70.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Phenanthrene	**0.0506**	**J**	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Phenol	ND		0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1
Pyrene	**0.0825**	**J**	0.459	0.0459	mg/Kg	☼	01/31/26 13:36	02/03/26 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:53*	*1*
2-Fluorobiphenyl (Surr)	*109*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:53*	*1*
2-Fluorophenol (Surr)	*120*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:53*	*1*
Nitrobenzene-d5 (Surr)	*127*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:53*	*1*
Phenol-d5 (Surr)	*126*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:53*	*1*
Terphenyl-d14 (Surr)	*123*		*40 - 140*	*01/31/26 13:36*	*02/06/26 14:53*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.47**	**J**	3.51	1.02	mg/Kg	☼		02/11/26 19:29	1
Sulfate	ND		14.0	13.8	mg/Kg	☼		02/06/26 20:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.741	0.169	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Arsenic	**0.553**		0.445	0.0397	mg/Kg	☼	02/03/26 09:00	02/07/26 17:57	5
Barium	**13.2**		1.85	0.0105	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Beryllium	**0.102**	**J**	0.371	0.0260	mg/Kg	☼	02/03/26 09:00	02/07/26 17:57	5
Cadmium	**0.0493**	**J**	0.371	0.0121	mg/Kg	☼	02/03/26 09:00	02/07/26 17:57	5
Chromium	**5.30**		0.741	0.153	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Cobalt	**1.79**		0.556	0.0210	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Copper	**6.05**	**B**	0.371	0.0386	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Lead	**9.44**		0.371	0.0437	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Manganese	**61.6**		0.741	0.0456	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Nickel	**5.77**		0.741	0.0194	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Selenium	**0.153**	**J**	1.85	0.132	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Silver	**0.00844**	**J**	0.185	0.00215	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Thallium	ND		0.519	0.0313	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Vanadium	**6.75**		0.741	0.0931	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5
Zinc	**24.2**		1.85	1.54	mg/Kg	☼	02/03/26 09:00	02/06/26 22:01	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.137	0.0200	mg/Kg	☼	02/03/26 13:35	02/05/26 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.33	0.133	mg/Kg	☼	02/02/26 09:29	02/04/26 22:21	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.38	0.442	mg/Kg	☼		02/06/26 12:47	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-Dup
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-10
Matrix: Solid
Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.220	0.0486	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Benzene	ND		0.0110	0.00166	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Bromobenzene	ND		0.0110	0.00207	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Bromoform	ND		0.0110	0.00466	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Bromomethane	ND		0.0110	0.00433	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
2-Butanone (MEK)	ND		0.110	0.0122	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Carbon disulfide	ND		0.0220	0.00563	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Carbon tetrachloride	ND		0.0110	0.00208	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Chlorobenzene	ND		0.0110	0.00184	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Chlorobromomethane	ND		0.0110	0.00264	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Chlorodibromomethane	ND		0.0110	0.00175	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Chloroethane	ND		0.0220	0.00416	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Chloroform	ND		0.0110	0.00213	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Chloromethane	ND		0.0220	0.00325	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
2-Chlorotoluene	ND		0.0110	0.00237	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
4-Chlorotoluene	ND		0.0110	0.00240	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
cis-1,2-Dichloroethene	ND		0.0110	0.00264	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
cis-1,3-Dichloropropene	ND		0.0110	0.00257	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2-Dibromo-3-Chloropropane	ND		0.0110	0.00453	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Dibromomethane	ND		0.0110	0.00222	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2-Dichlorobenzene	ND		0.0110	0.00237	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,3-Dichlorobenzene	ND		0.0110	0.00175	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,4-Dichlorobenzene	ND		0.0110	0.00255	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Dichlorobromomethane	ND		0.0110	0.00206	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1-Dichloroethane	ND		0.0110	0.00199	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2-Dichloroethane	ND		0.0110	0.00266	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1-Dichloroethene	ND		0.0110	0.00262	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2-Dichloropropane	ND		0.0110	0.00151	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,3-Dichloropropane	ND		0.0110	0.00253	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
2,2-Dichloropropane	ND		0.0110	0.00255	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1-Dichloropropene	ND		0.0110	0.00224	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Ethyl acetate	ND		0.110	0.110	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Ethylbenzene	ND		0.0110	0.00235	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Ethylene Dibromide	ND		0.0110	0.00192	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Hexachlorobutadiene	ND		0.0110	0.00352	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Hexane	ND		0.0220	0.0220	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
2-Hexanone	ND		0.0220	0.0162	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Iodomethane	ND		0.0220	0.00420	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Isopropylbenzene	ND		0.0110	0.00323	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Isopropyl ether	ND		0.0220	0.0220	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
4-Isopropyltoluene	ND		0.0110	0.00747	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Methylene Chloride	ND		0.0440	0.0124	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
4-Methyl-2-pentanone (MIBK)	ND		0.0220	0.00717	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Methyl tert-butyl ether	ND		0.0110	0.00385	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
m-Xylene & p-Xylene	ND		0.0220	0.00477	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Naphthalene	ND		0.0110	0.00846	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
n-Butylbenzene	ND		0.0110	0.00387	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
n-Heptane	ND		0.0220	0.0220	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
N-Propylbenzene	ND		0.0110	0.00229	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-Dup
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-10
Matrix: Solid
Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0110	0.00290	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
sec-Butylbenzene	ND		0.0110	0.00251	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Styrene	ND		0.0110	0.00558	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
tert-Butylbenzene	ND		0.0110	0.00262	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1,1,2-Tetrachloroethane	ND		0.0110	0.00217	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1,2,2-Tetrachloroethane	ND		0.0110	0.00286	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Tetrachloroethene	ND		0.0110	0.00179	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Toluene	ND		0.0110	0.00216	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
trans-1,4-Dichloro-2-butene	ND		0.0220	0.0111	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
trans-1,2-Dichloroethene	ND		0.0110	0.00266	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
trans-1,3-Dichloropropene	ND		0.0110	0.00226	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2,3-Trichlorobenzene	ND		0.0110	0.00574	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2,4-Trichlorobenzene	ND		0.0110	0.00442	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1,1-Trichloroethane	ND		0.0110	0.00317	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1,2-Trichloroethane	ND		0.0110	0.00198	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Trichloroethene	ND		0.0110	0.00153	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Trichlorofluoromethane	ND		0.0110	0.00416	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2,3-Trichloropropane	ND		0.0110	0.00295	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0220	0.00218	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,2,4-Trimethylbenzene	ND		0.0110	0.00257	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
1,3,5-Trimethylbenzene	ND		0.0110	0.00273	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Vinyl acetate	ND		0.0220	0.00730	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Vinyl chloride	ND		0.0220	0.00363	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1
Xylenes, Total	ND		0.0110	0.00290	mg/Kg	☼	02/08/26 13:12	02/10/26 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*02/08/26 13:12*	*02/10/26 01:59*	*1*
Dibromofluoromethane	*110*		*80 - 119*	*02/08/26 13:12*	*02/10/26 01:59*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/08/26 13:12*	*02/10/26 01:59*	*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		0.0165	0.0165	mg/Kg	☼	01/31/26 13:43	02/02/26 22:17	10

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*89*		*10 - 150*	*01/31/26 13:43*	*02/02/26 22:17*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.453	0.0132	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2,4,5-Trichlorophenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2,4,6-Trichlorophenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2,4-Dichlorophenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2,4-Dimethylphenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2,4-Dinitrophenol	ND		1.36	0.0453	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
2,4-Dinitrotoluene	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
2,6-Dinitrotoluene	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
2-Chloronaphthalene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2-Chlorophenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2-Methylnaphthalene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2-Methylphenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1

Client Sample ID: 822-SED-Dup
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-10
Matrix: Solid
Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
2-Nitrophenol	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
3 & 4 Methylphenol	ND		0.905	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
3,3'-Dichlorobenzidine	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
3-Nitroaniline	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
4,6-Dinitro-2-methylphenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
4-Bromophenyl phenyl ether	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
4-Chloro-3-methylphenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
4-Chloroaniline	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
4-Chlorophenyl phenyl ether	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
4-Nitroaniline	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
4-Nitrophenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Acenaphthene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Acenaphthylene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Acetophenone	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Anthracene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Atrazine	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Benzaldehyde	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Benzo[a]anthracene	**0.309**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Benzo[a]pyrene	**0.307**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Benzo[b]fluoranthene	**0.491**		0.453	0.00192	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Benzo[g,h,i]perylene	**0.216**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Benzo[k]fluoranthene	**0.155**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
bis (2-chloroisopropyl) ether	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Bis(2-chloroethoxy)methane	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Bis(2-chloroethyl)ether	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Bis(2-ethylhexyl) phthalate	ND	*+	0.453	0.137	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
Butyl benzyl phthalate	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Caprolactam	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Carbazole	**0.0654**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Chrysene	**0.358**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Dibenz(a,h)anthracene	**0.0571**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Dibenzofuran	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Diethyl phthalate	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Dimethyl phthalate	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Di-n-butyl phthalate	ND		1.36	0.411	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
Di-n-octyl phthalate	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/06/26 15:24	1
Fluoranthene	**0.738**		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Fluorene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Hexachlorobenzene	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Hexachlorobutadiene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Hexachlorocyclopentadiene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Hexachloroethane	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Indeno[1,2,3-cd]pyrene	**0.241**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Isophorone	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Naphthalene	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Nitrobenzene	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
N-Nitrosodi-n-propylamine	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
N-Nitrosodiphenylamine	ND	*+	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1

Client Sample ID: 822-SED-Dup
Date Collected: 01/29/26 11:15
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-10
Matrix: Solid
Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Phenanthrene	**0.305**	**J**	0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Phenol	ND		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1
Pyrene	**0.546**		0.453	0.0453	mg/Kg	☼	01/31/26 13:36	02/03/26 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*40 - 140*	*01/31/26 13:36*	*02/06/26 15:24*	*1*
2-Fluorobiphenyl (Surr)	*102*		*40 - 140*	*01/31/26 13:36*	*02/06/26 15:24*	*1*
2-Fluorophenol (Surr)	*112*		*40 - 140*	*01/31/26 13:36*	*02/06/26 15:24*	*1*
Nitrobenzene-d5 (Surr)	*121*		*40 - 140*	*01/31/26 13:36*	*02/06/26 15:24*	*1*
Phenol-d5 (Surr)	*119*		*40 - 140*	*01/31/26 13:36*	*02/06/26 15:24*	*1*
Terphenyl-d14 (Surr)	*116*		*40 - 140*	*01/31/26 13:36*	*02/06/26 15:24*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.43	0.994	mg/Kg	☼		02/11/26 19:41	1
Sulfate	ND		13.7	13.5	mg/Kg	☼		02/06/26 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.36**		0.746	0.171	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Arsenic	**9.78**		0.448	0.0399	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Barium	**28.3**		1.87	0.0106	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Beryllium	**0.181**	**J**	0.373	0.0262	mg/Kg	☼	02/03/26 09:00	02/07/26 18:00	5
Cadmium	**0.222**	**J**	0.373	0.0122	mg/Kg	☼	02/03/26 09:00	02/07/26 18:00	5
Chromium	**28.2**		0.746	0.154	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Cobalt	**6.12**		0.560	0.0211	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Copper	**89.3**	**B**	0.373	0.0388	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Lead	**973**		0.746	0.0881	mg/Kg	☼	02/03/26 09:00	02/06/26 22:10	10
Manganese	**224**		0.746	0.0459	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Nickel	**26.5**		0.746	0.0195	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Selenium	**0.348**	**J**	1.87	0.133	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Silver	**0.117**	**J**	0.187	0.00216	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Thallium	ND		0.523	0.0315	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Vanadium	**14.8**		0.746	0.0937	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	5
Zinc	**165**		1.87	1.55	mg/Kg	☼	02/03/26 09:00	02/06/26 22:04	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	☼	02/03/26 13:35	02/05/26 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.28	0.128	mg/Kg	☼	02/02/26 09:30	02/04/26 22:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.35	0.433	mg/Kg	☼		02/11/26 14:56	1

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

Job ID: 752-41468-1

Client Sample ID: Trip Blank
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**9.07**	**J**	10.0	4.04	ug/L			02/09/26 20:23	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 04:01	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 04:01	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 04:01	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 04:01	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 04:01	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 04:01	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 04:01	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 04:01	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 04:01	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 04:01	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 04:01	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 04:01	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 04:01	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 04:01	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 04:01	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 04:01	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 04:01	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 04:01	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 04:01	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 04:01	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 04:01	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 04:01	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 04:01	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 04:01	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 04:01	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 04:01	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 04:01	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 04:01	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 04:01	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 04:01	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 04:01	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 04:01	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 04:01	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 04:01	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 04:01	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 04:01	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 04:01	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 04:01	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 04:01	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 04:01	1
Methylene Chloride	**2.60**	**J**	5.00	2.36	ug/L			02/09/26 20:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 04:01	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 04:01	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 04:01	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 04:01	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 04:01	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 04:01	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 04:01	1

Client Sample ID: Trip Blank
Date Collected: 01/29/26 09:00
Date Received: 01/29/26 16:15

Lab Sample ID: 752-41468-11
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		1.00	0.270	ug/L			02/07/26 04:01	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 04:01	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 04:01	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 04:01	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 04:01	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 04:01	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 04:01	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 04:01	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 04:01	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 04:01	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 04:01	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 04:01	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 04:01	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 04:01	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 04:01	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 04:01	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 04:01	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 04:01	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 04:01	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 04:01	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 04:01	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 04:01	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 04:01*	*1*
4-Bromofluorobenzene	*100*		*70 - 126*		*02/09/26 20:23*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/07/26 04:01*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*02/09/26 20:23*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 04:01*	*1*
Toluene-d8 (Surr)	*104*		*79 - 119*		*02/09/26 20:23*	*1*

Surrogate Summary

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

Job ID: 752-41468-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(67-127)	(80-119)	(71-129)
752-41468-1	822-SED-1	99	105	99
752-41468-2	822-SED-2	96	106	100
752-41468-3	822-SED-3	93	104	102
752-41468-4	822-SED-4	98	109	101
752-41468-5	822-SED-5	97	103	102
752-41468-6	822-SED-6	96	101	99
752-41468-7	822-SED-7	95	104	101
752-41468-8	822-SED-8	94	102	102
752-41468-9	822-SED-9	94	103	104
752-41468-10	822-SED-Dup	95	110	101
LCS 705-113019/1001	Lab Control Sample	101	100	103
LCS 705-113019/1003	Lab Control Sample	97	98	103
LCS 705-113128/1001	Lab Control Sample	102	94	102
LCS 705-113128/1003	Lab Control Sample	94	95	102
LCSD 705-113019/2	Lab Control Sample Dup	101	98	102
LCSD 705-113019/4	Lab Control Sample Dup	98	100	103
LCSD 705-113128/2	Lab Control Sample Dup	102	97	104
LCSD 705-113128/4	Lab Control Sample Dup	94	97	103
MB 705-113019/6	Method Blank	98	100	100
MB 705-113128/6	Method Blank	93	97	99

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
752-41468-11	Trip Blank	89	110	100
752-41468-11	Trip Blank	100	105	104
LCS 705-112647/1003	Lab Control Sample	86	103	94
LCS 705-112647/1004	Lab Control Sample	101	101	98
LCS 705-112958/1001	Lab Control Sample	106	100	105
LCS 705-112958/1002	Lab Control Sample	98	103	101
MB 705-112647/9	Method Blank	89	109	100
MB 705-112958/3	Method Blank	101	104	102

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41468-1
Project/Site: Lyon Park

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)
752-41468-1	822-SED-1	85	138	145 S1+	163 S1+	153 S1+	140
752-41468-1 MS	822-SED-1	138 S1+	135 S1+	141 S1+	158 S1+	144 S1+	133 S1+
752-41468-1 MSD	822-SED-1	134	135	135	161 S1+	137	132
752-41468-2	822-SED-2	94	137	144 S1+	165 S1+	145 S1+	142 S1+
752-41468-3	822-SED-3	102	140	144 S1+	163 S1+	148 S1+	143 S1+
752-41468-4	822-SED-4	103	147	146	172	154	150
752-41468-5	822-SED-5	90	134	134	157 S1+	141 S1+	133
752-41468-6	822-SED-6	88	138	133	161 S1+	142 S1+	136
752-41468-7	822-SED-7	92	139	137	163 S1+	140	140
752-41468-8	822-SED-8	105	104	120	128	127	114
752-41468-9	822-SED-9	106	109	120	127	126	123
752-41468-10	822-SED-Dup	101	102	112	121	119	116
LCS 400-737958/2-A	Lab Control Sample	135	134	135	155 S1+	132	136
MB 400-737958/1-A	Method Blank	97	104	113	119	99	114

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: 752-41468-1

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)						
752-41468-1	822-SED-1	50						
752-41468-1 MS	822-SED-1	45						
752-41468-1 MSD	822-SED-1	41						
752-41468-2	822-SED-2	47						
752-41468-3	822-SED-3	47						
752-41468-4	822-SED-4	49						
752-41468-5	822-SED-5	50						
752-41468-6	822-SED-6	47						
752-41468-7	822-SED-7	49						
752-41468-8	822-SED-8	43						
752-41468-9	822-SED-9	51						
752-41468-10	822-SED-Dup	89						
LCS 400-737959/2-A	Lab Control Sample	51						
MB 400-737959/1-A	Method Blank	54						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-112647/9
Matrix: Water
Analysis Batch: 112647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 03:11	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 03:11	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 03:11	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 03:11	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 03:11	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 03:11	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 03:11	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 03:11	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 03:11	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 03:11	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 03:11	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 03:11	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 03:11	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 03:11	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 03:11	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 03:11	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 03:11	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 03:11	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 03:11	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 03:11	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 03:11	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 03:11	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 03:11	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 03:11	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 03:11	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 03:11	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 03:11	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 03:11	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 03:11	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 03:11	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 03:11	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 03:11	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 03:11	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 03:11	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 03:11	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 03:11	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 03:11	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 03:11	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 03:11	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/07/26 03:11	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 03:11	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 03:11	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 03:11	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 03:11	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 03:11	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 03:11	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 03:11	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 03:11	1

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

Lab Sample ID: MB 705-112647/9
Matrix: Water
Analysis Batch: 112647

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	0.239	ug/L			02/07/26 03:11	1
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 03:11	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 03:11	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 03:11	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 03:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 03:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 03:11	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 03:11	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 03:11	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 03:11	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 03:11	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 03:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 03:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 03:11	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 03:11	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 03:11	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 03:11	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 03:11	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 03:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 03:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 03:11	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 03:11	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 03:11	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 03:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 03:11*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/07/26 03:11*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 03:11*	*1*

Lab Sample ID: LCS 705-112647/1003
Matrix: Water
Analysis Batch: 112647

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	27.17		ug/L		68	25 - 150		
Isopropyl ether			20.0	14.94	*-	ug/L		75	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*94*		*79 - 119*

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

Lab Sample ID: LCS 705-112647/1004
Matrix: Water
Analysis Batch: 112647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	33.01		ug/L		83	62 - 136
Benzene	20.0	20.22		ug/L		101	76 - 122
Bromobenzene	20.0	20.15		ug/L		101	77 - 125
Bromoform	20.0	19.87		ug/L		99	65 - 129
Bromomethane	20.0	25.44		ug/L		127	60 - 138
2-Butanone (MEK)	40.0	33.29		ug/L		83	74 - 131
Carbon disulfide	20.0	20.37		ug/L		102	71 - 122
Carbon tetrachloride	20.0	21.12		ug/L		106	72 - 131
Chlorobenzene	20.0	20.63		ug/L		103	75 - 121
Chlorobromomethane	20.0	21.99		ug/L		110	77 - 120
Chlorodibromomethane	20.0	19.93		ug/L		100	70 - 131
Chloroethane	20.0	19.04		ug/L		95	55 - 138
Chloroform	20.0	19.92		ug/L		100	73 - 121
Chloromethane	20.0	20.24		ug/L		101	57 - 129
2-Chlorotoluene	20.0	19.77		ug/L		99	75 - 123
4-Chlorotoluene	20.0	20.63		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	20.36		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	18.69		ug/L		93	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.68		ug/L		88	64 - 125
Dibromomethane	20.0	19.48		ug/L		97	70 - 130
1,2-Dichlorobenzene	20.0	21.31		ug/L		107	69 - 127
1,3-Dichlorobenzene	20.0	20.70		ug/L		103	68 - 128
1,4-Dichlorobenzene	20.0	20.54		ug/L		103	68 - 126
Dichlorobromomethane	20.0	19.22		ug/L		96	70 - 124
1,1-Dichloroethane	20.0	19.91		ug/L		100	65 - 126
1,2-Dichloroethane	20.0	18.25		ug/L		91	72 - 127
1,1-Dichloroethene	20.0	20.66		ug/L		103	69 - 130
1,2-Dichloropropane	20.0	18.66		ug/L		93	71 - 121
1,3-Dichloropropane	20.0	19.14		ug/L		96	76 - 125
2,2-Dichloropropane	20.0	20.20		ug/L		101	71 - 131
1,1-Dichloropropene	20.0	21.08		ug/L		105	74 - 129
Ethylbenzene	20.0	20.45		ug/L		102	75 - 127
Ethylene Dibromide	20.0	19.79		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	22.13		ug/L		111	65 - 137
Hexane	20.0	18.45		ug/L		92	25 - 150
2-Hexanone	40.0	32.12		ug/L		80	70 - 130
Iodomethane	20.0	24.41		ug/L		122	50 - 150
Isopropylbenzene	20.0	19.87		ug/L		99	76 - 125
4-Isopropyltoluene	20.0	23.79		ug/L		119	78 - 126
Methylene Chloride	20.0	20.31		ug/L		102	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	31.96		ug/L		80	76 - 122
Methyl tert-butyl ether	20.0	18.17		ug/L		91	76 - 123
m-Xylene & p-Xylene	20.0	20.85		ug/L		104	76 - 128
Naphthalene	20.0	19.75		ug/L		99	67 - 129
n-Butylbenzene	20.0	19.23		ug/L		96	71 - 131
n-Heptane	20.0	17.86		ug/L		89	25 - 150
N-Propylbenzene	20.0	19.65		ug/L		98	75 - 127
o-Xylene	20.0	21.00		ug/L		105	78 - 124

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

Lab Sample ID: LCS 705-112647/1004
Matrix: Water
Analysis Batch: 112647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	20.71		ug/L		104	74 - 127
Styrene	20.0	22.03		ug/L		110	71 - 129
tert-Butylbenzene	20.0	20.17		ug/L		101	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.50		ug/L		103	76 - 130
1,1,2,2-Tetrachloroethane	20.0	16.90		ug/L		85	73 - 127
Tetrachloroethene	20.0	21.59		ug/L		108	74 - 129
Toluene	20.0	20.20		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.66		ug/L		83	50 - 150
trans-1,2-Dichloroethene	20.0	20.26		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.15		ug/L		91	59 - 135
1,2,3-Trichlorobenzene	20.0	19.92		ug/L		100	65 - 130
1,2,4-Trichlorobenzene	20.0	18.65		ug/L		93	65 - 131
1,1,1-Trichloroethane	20.0	20.44		ug/L		102	71 - 124
1,1,2-Trichloroethane	20.0	19.32		ug/L		97	69 - 127
Trichloroethene	20.0	20.70		ug/L		104	72 - 129
Trichlorofluoromethane	20.0	21.70		ug/L		108	63 - 142
1,2,3-Trichloropropane	20.0	18.47		ug/L		92	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.25		ug/L		111	74 - 122
1,2,4-Trimethylbenzene	20.0	21.50		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	20.0	20.89		ug/L		104	79 - 124
Vinyl acetate	40.0	31.30		ug/L		78	50 - 150
Vinyl chloride	20.0	20.84		ug/L		104	65 - 132
Xylenes, Total	40.0	41.85		ug/L		105	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-112958/3
Matrix: Water
Analysis Batch: 112958

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/09/26 18:03	1
Benzene	ND		1.00	0.200	ug/L			02/09/26 18:03	1
Bromobenzene	ND		1.00	0.222	ug/L			02/09/26 18:03	1
Bromoform	ND		1.00	0.458	ug/L			02/09/26 18:03	1
Bromomethane	ND		1.00	0.470	ug/L			02/09/26 18:03	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/09/26 18:03	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/09/26 18:03	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/09/26 18:03	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/09/26 18:03	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/09/26 18:03	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/09/26 18:03	1
Chloroethane	ND		1.00	0.374	ug/L			02/09/26 18:03	1
Chloroform	ND		1.00	0.216	ug/L			02/09/26 18:03	1
Chloromethane	ND		1.00	0.371	ug/L			02/09/26 18:03	1

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

Lab Sample ID: MB 705-112958/3
Matrix: Water
Analysis Batch: 112958

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/09/26 18:03	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/09/26 18:03	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/09/26 18:03	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/09/26 18:03	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/09/26 18:03	1
Dibromomethane	ND		1.00	0.318	ug/L			02/09/26 18:03	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/09/26 18:03	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/09/26 18:03	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/09/26 18:03	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/09/26 18:03	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/09/26 18:03	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/09/26 18:03	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/09/26 18:03	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/09/26 18:03	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/09/26 18:03	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/09/26 18:03	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/09/26 18:03	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/09/26 18:03	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/09/26 18:03	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/09/26 18:03	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/09/26 18:03	1
Hexane	ND		10.0	3.63	ug/L			02/09/26 18:03	1
2-Hexanone	ND		10.0	3.47	ug/L			02/09/26 18:03	1
Iodomethane	ND		2.00	0.403	ug/L			02/09/26 18:03	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/09/26 18:03	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/09/26 18:03	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/09/26 18:03	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/09/26 18:03	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/09/26 18:03	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/09/26 18:03	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/09/26 18:03	1
Naphthalene	ND		2.00	1.56	ug/L			02/09/26 18:03	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/09/26 18:03	1
n-Heptane	ND		10.0	3.05	ug/L			02/09/26 18:03	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/09/26 18:03	1
o-Xylene	ND		1.00	0.270	ug/L			02/09/26 18:03	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/09/26 18:03	1
Styrene	ND		1.00	0.194	ug/L			02/09/26 18:03	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/09/26 18:03	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/09/26 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/09/26 18:03	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/09/26 18:03	1
Toluene	ND		1.00	0.197	ug/L			02/09/26 18:03	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/09/26 18:03	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/09/26 18:03	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/09/26 18:03	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/09/26 18:03	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/09/26 18:03	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/09/26 18:03	1

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

Lab Sample ID: MB 705-112958/3
Matrix: Water
Analysis Batch: 112958

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/09/26 18:03	1
Trichloroethene	ND		1.00	0.211	ug/L			02/09/26 18:03	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/09/26 18:03	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/09/26 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/09/26 18:03	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/09/26 18:03	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/09/26 18:03	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/09/26 18:03	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/09/26 18:03	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/09/26 18:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*02/09/26 18:03*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/09/26 18:03*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/09/26 18:03*	*1*

Lab Sample ID: LCS 705-112958/1001
Matrix: Water
Analysis Batch: 112958

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	44.03		ug/L		110	25 - 150		
Isopropyl ether			20.0	22.44		ug/L		112	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*105*		*79 - 119*

Lab Sample ID: LCS 705-112958/1002
Matrix: Water
Analysis Batch: 112958

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	37.09		ug/L		93	62 - 136		
Benzene			20.0	21.25		ug/L		106	76 - 122		
Bromobenzene			20.0	22.92		ug/L		115	77 - 125		
Bromoform			20.0	19.95		ug/L		100	65 - 129		
Bromomethane			20.0	19.93		ug/L		100	60 - 138		
2-Butanone (MEK)			40.0	39.38		ug/L		98	74 - 131		
Carbon disulfide			20.0	22.72		ug/L		114	71 - 122		
Carbon tetrachloride			20.0	21.36		ug/L		107	72 - 131		
Chlorobenzene			20.0	21.25		ug/L		106	75 - 121		
Chlorobromomethane			20.0	21.85		ug/L		109	77 - 120		
Chlorodibromomethane			20.0	20.73		ug/L		104	70 - 131		
Chloroethane			20.0	23.25		ug/L		116	55 - 138		
Chloroform			20.0	22.42		ug/L		112	73 - 121		
Chloromethane			20.0	22.54		ug/L		113	57 - 129		

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

Lab Sample ID: LCS 705-112958/1002
Matrix: Water
Analysis Batch: 112958

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	20.0	23.25		ug/L		116	75 - 123
4-Chlorotoluene	20.0	22.92		ug/L		115	76 - 124
cis-1,2-Dichloroethene	20.0	22.14		ug/L		111	76 - 121
cis-1,3-Dichloropropene	20.0	21.45		ug/L		107	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	21.69		ug/L		108	64 - 125
Dibromomethane	20.0	20.90		ug/L		104	70 - 130
1,2-Dichlorobenzene	20.0	22.93		ug/L		115	69 - 127
1,3-Dichlorobenzene	20.0	23.02		ug/L		115	68 - 128
1,4-Dichlorobenzene	20.0	22.85		ug/L		114	68 - 126
Dichlorobromomethane	20.0	21.34		ug/L		107	70 - 124
1,1-Dichloroethane	20.0	22.20		ug/L		111	65 - 126
1,2-Dichloroethane	20.0	21.58		ug/L		108	72 - 127
1,1-Dichloroethene	20.0	23.70		ug/L		118	69 - 130
1,2-Dichloropropane	20.0	21.23		ug/L		106	71 - 121
1,3-Dichloropropane	20.0	21.08		ug/L		105	76 - 125
2,2-Dichloropropane	20.0	24.22		ug/L		121	71 - 131
1,1-Dichloropropene	20.0	21.47		ug/L		107	74 - 129
Ethylbenzene	20.0	22.16		ug/L		111	75 - 127
Ethylene Dibromide	20.0	21.37		ug/L		107	68 - 133
Hexachlorobutadiene	20.0	23.82		ug/L		119	65 - 137
Hexane	20.0	24.16		ug/L		121	25 - 150
2-Hexanone	40.0	40.63		ug/L		102	70 - 130
Iodomethane	20.0	18.48		ug/L		92	50 - 150
Isopropylbenzene	20.0	23.72		ug/L		119	76 - 125
4-Isopropyltoluene	20.0	24.01		ug/L		120	78 - 126
Methylene Chloride	20.0	22.10		ug/L		110	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	40.99		ug/L		102	76 - 122
Methyl tert-butyl ether	20.0	22.45		ug/L		112	76 - 123
m-Xylene & p-Xylene	20.0	22.37		ug/L		112	76 - 128
Naphthalene	20.0	22.45		ug/L		112	67 - 129
n-Butylbenzene	20.0	24.40		ug/L		122	71 - 131
n-Heptane	20.0	24.63		ug/L		123	25 - 150
N-Propylbenzene	20.0	23.67		ug/L		118	75 - 127
o-Xylene	20.0	22.10		ug/L		110	78 - 124
sec-Butylbenzene	20.0	24.00		ug/L		120	74 - 127
Styrene	20.0	21.81		ug/L		109	71 - 129
tert-Butylbenzene	20.0	23.74		ug/L		119	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.96		ug/L		105	76 - 130
1,1,2,2-Tetrachloroethane	20.0	22.14		ug/L		111	73 - 127
Tetrachloroethene	20.0	21.72		ug/L		109	74 - 129
Toluene	20.0	21.42		ug/L		107	74 - 124
trans-1,4-Dichloro-2-butene	20.0	21.45		ug/L		107	50 - 150
trans-1,2-Dichloroethene	20.0	22.33		ug/L		112	74 - 124
trans-1,3-Dichloropropene	20.0	20.79		ug/L		104	59 - 135
1,2,3-Trichlorobenzene	20.0	22.56		ug/L		113	65 - 130
1,2,4-Trichlorobenzene	20.0	22.74		ug/L		114	65 - 131
1,1,1-Trichloroethane	20.0	22.17		ug/L		111	71 - 124
1,1,2-Trichloroethane	20.0	20.96		ug/L		105	69 - 127
Trichloroethene	20.0	20.84		ug/L		104	72 - 129

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

Lab Sample ID: LCS 705-112958/1002
Matrix: Water
Analysis Batch: 112958

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	23.55		ug/L		118	63 - 142
1,2,3-Trichloropropane	20.0	22.07		ug/L		110	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.59		ug/L		118	74 - 122
1,2,4-Trimethylbenzene	20.0	23.49		ug/L		117	80 - 123
1,3,5-Trimethylbenzene	20.0	23.30		ug/L		117	79 - 124
Vinyl acetate	40.0	51.09		ug/L		128	50 - 150
Vinyl chloride	20.0	22.61		ug/L		113	65 - 132
Xylenes, Total	40.0	44.47		ug/L		111	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: MB 705-113019/6
Matrix: Solid
Analysis Batch: 113019

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			02/09/26 22:01	1
Benzene	ND		0.00500	0.000756	mg/Kg			02/09/26 22:01	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			02/09/26 22:01	1
Bromoform	ND		0.00500	0.00212	mg/Kg			02/09/26 22:01	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			02/09/26 22:01	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			02/09/26 22:01	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			02/09/26 22:01	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			02/09/26 22:01	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			02/09/26 22:01	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			02/09/26 22:01	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			02/09/26 22:01	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			02/09/26 22:01	1
Chloroform	ND		0.00500	0.000969	mg/Kg			02/09/26 22:01	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			02/09/26 22:01	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			02/09/26 22:01	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			02/09/26 22:01	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			02/09/26 22:01	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			02/09/26 22:01	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			02/09/26 22:01	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			02/09/26 22:01	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			02/09/26 22:01	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			02/09/26 22:01	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			02/09/26 22:01	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			02/09/26 22:01	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			02/09/26 22:01	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			02/09/26 22:01	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			02/09/26 22:01	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			02/09/26 22:01	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			02/09/26 22:01	1

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

Lab Sample ID: MB 705-113019/6
Matrix: Solid
Analysis Batch: 113019

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			02/09/26 22:01	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			02/09/26 22:01	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			02/09/26 22:01	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			02/09/26 22:01	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			02/09/26 22:01	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			02/09/26 22:01	1
Hexane	ND		0.0100	0.0100	mg/Kg			02/09/26 22:01	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			02/09/26 22:01	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			02/09/26 22:01	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			02/09/26 22:01	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			02/09/26 22:01	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			02/09/26 22:01	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			02/09/26 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			02/09/26 22:01	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			02/09/26 22:01	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			02/09/26 22:01	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			02/09/26 22:01	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			02/09/26 22:01	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			02/09/26 22:01	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			02/09/26 22:01	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			02/09/26 22:01	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			02/09/26 22:01	1
Styrene	ND		0.00500	0.00254	mg/Kg			02/09/26 22:01	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			02/09/26 22:01	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			02/09/26 22:01	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			02/09/26 22:01	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			02/09/26 22:01	1
Toluene	ND		0.00500	0.000982	mg/Kg			02/09/26 22:01	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			02/09/26 22:01	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			02/09/26 22:01	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			02/09/26 22:01	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			02/09/26 22:01	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			02/09/26 22:01	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			02/09/26 22:01	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			02/09/26 22:01	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			02/09/26 22:01	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			02/09/26 22:01	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			02/09/26 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			02/09/26 22:01	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			02/09/26 22:01	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			02/09/26 22:01	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			02/09/26 22:01	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			02/09/26 22:01	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			02/09/26 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 127*		*02/09/26 22:01*	*1*
Dibromofluoromethane	*100*		*80 - 119*		*02/09/26 22:01*	*1*

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

Lab Sample ID: MB 705-113019/6
Matrix: Solid
Analysis Batch: 113019

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 129		02/09/26 22:01	1

Lab Sample ID: LCS 705-113019/1001
Matrix: Solid
Analysis Batch: 113019

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.08361	J	mg/Kg		84	70 - 131
Benzene	0.0500	0.05226		mg/Kg		105	79 - 120
Bromobenzene	0.0500	0.04585		mg/Kg		92	75 - 118
Bromoform	0.0500	0.04529		mg/Kg		91	71 - 136
Bromomethane	0.0500	0.05292		mg/Kg		106	62 - 134
2-Butanone (MEK)	0.100	0.09397		mg/Kg		94	73 - 134
Carbon disulfide	0.0500	0.04873		mg/Kg		97	80 - 127
Carbon tetrachloride	0.0500	0.04924		mg/Kg		98	72 - 132
Chlorobenzene	0.0500	0.04783		mg/Kg		96	80 - 120
Chlorobromomethane	0.0500	0.04706		mg/Kg		94	79 - 122
Chlorodibromomethane	0.0500	0.04719		mg/Kg		94	81 - 123
Chloroethane	0.0500	0.04883		mg/Kg		98	66 - 130
Chloroform	0.0500	0.04766		mg/Kg		95	74 - 120
Chloromethane	0.0500	0.04480		mg/Kg		90	64 - 131
2-Chlorotoluene	0.0500	0.04698		mg/Kg		94	74 - 122
4-Chlorotoluene	0.0500	0.04681		mg/Kg		94	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04823		mg/Kg		96	78 - 122
cis-1,3-Dichloropropene	0.0500	0.05001		mg/Kg		100	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04346		mg/Kg		87	68 - 125
Dibromomethane	0.0500	0.04942		mg/Kg		99	82 - 119
1,2-Dichlorobenzene	0.0500	0.04725		mg/Kg		94	80 - 120
1,3-Dichlorobenzene	0.0500	0.04813		mg/Kg		96	78 - 120
1,4-Dichlorobenzene	0.0500	0.04655		mg/Kg		93	79 - 120
Dichlorobromomethane	0.0500	0.05078		mg/Kg		102	80 - 122
1,1-Dichloroethane	0.0500	0.04822		mg/Kg		96	72 - 123
1,2-Dichloroethane	0.0500	0.05002		mg/Kg		100	73 - 123
1,1-Dichloroethene	0.0500	0.04715		mg/Kg		94	74 - 126
1,2-Dichloropropane	0.0500	0.05023		mg/Kg		100	78 - 122
1,3-Dichloropropane	0.0500	0.04696		mg/Kg		94	82 - 120
2,2-Dichloropropane	0.0500	0.04769		mg/Kg		95	70 - 132
1,1-Dichloropropene	0.0500	0.05018		mg/Kg		100	74 - 126
Ethylbenzene	0.0500	0.04957		mg/Kg		99	80 - 121
Ethylene Dibromide	0.0500	0.04619		mg/Kg		92	82 - 118
Hexachlorobutadiene	0.0500	0.04440		mg/Kg		89	81 - 123
Hexane	0.0500	0.04942		mg/Kg		99	25 - 150
2-Hexanone	0.100	0.09492		mg/Kg		95	81 - 132
Iodomethane	0.0500	0.05553		mg/Kg		111	50 - 150
Isopropylbenzene	0.0500	0.04795		mg/Kg		96	72 - 129
4-Isopropyltoluene	0.0500	0.04913		mg/Kg		98	73 - 131
Methylene Chloride	0.0500	0.04749		mg/Kg		95	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1001		mg/Kg		100	81 - 135

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

Lab Sample ID: LCS 705-113019/1001
Matrix: Solid
Analysis Batch: 113019

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	0.0500	0.04627		mg/Kg		93	80 - 122
m-Xylene & p-Xylene	0.0500	0.04745		mg/Kg		95	79 - 123
Naphthalene	0.0500	0.04158		mg/Kg		83	66 - 128
n-Butylbenzene	0.0500	0.05012		mg/Kg		100	73 - 132
n-Heptane	0.0500	0.04915		mg/Kg		98	25 - 150
N-Propylbenzene	0.0500	0.04783		mg/Kg		96	74 - 127
o-Xylene	0.0500	0.05030		mg/Kg		101	78 - 122
sec-Butylbenzene	0.0500	0.04832		mg/Kg		97	72 - 131
Styrene	0.0500	0.05062		mg/Kg		101	79 - 128
tert-Butylbenzene	0.0500	0.04717		mg/Kg		94	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04774		mg/Kg		95	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.04394		mg/Kg		88	73 - 121
Tetrachloroethene	0.0500	0.04821		mg/Kg		96	74 - 121
Toluene	0.0500	0.04988		mg/Kg		100	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.04395		mg/Kg		88	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05156		mg/Kg		103	76 - 124
trans-1,3-Dichloropropene	0.0500	0.05034		mg/Kg		101	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04312		mg/Kg		86	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04543		mg/Kg		91	69 - 130
1,1,1-Trichloroethane	0.0500	0.04759		mg/Kg		95	73 - 126
1,1,2-Trichloroethane	0.0500	0.04957		mg/Kg		99	77 - 124
Trichloroethene	0.0500	0.04995		mg/Kg		100	79 - 121
Trichlorofluoromethane	0.0500	0.04539		mg/Kg		91	77 - 128
1,2,3-Trichloropropane	0.0500	0.04295		mg/Kg		86	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04788		mg/Kg		96	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04831		mg/Kg		97	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04756		mg/Kg		95	74 - 128
Vinyl acetate	0.100	0.09456		mg/Kg		95	50 - 150
Vinyl chloride	0.0500	0.05525		mg/Kg		111	68 - 130
Xylenes, Total	0.100	0.09775		mg/Kg		98	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*100*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

Lab Sample ID: LCS 705-113019/1003
Matrix: Solid
Analysis Batch: 113019

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	0.100	0.09296		mg/Kg		93	25 - 150
Isopropyl ether	0.0500	0.05383		mg/Kg		108	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*

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

Lab Sample ID: LCS 705-113019/1003
Matrix: Solid
Analysis Batch: 113019

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	103		71 - 129

Lab Sample ID: LCSD 705-113019/2
Matrix: Solid
Analysis Batch: 113019

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
Acetone			0.100	0.08554	J	mg/Kg		86	70 - 131	2	50
Benzene			0.0500	0.04804		mg/Kg		96	79 - 120	8	30
Bromobenzene			0.0500	0.04157		mg/Kg		83	75 - 118	10	20
Bromoform			0.0500	0.03963		mg/Kg		79	71 - 136	13	20
Bromomethane			0.0500	0.05125		mg/Kg		103	62 - 134	3	90
2-Butanone (MEK)			0.100	0.09018		mg/Kg		90	73 - 134	4	50
Carbon disulfide			0.0500	0.04762		mg/Kg		95	80 - 127	2	50
Carbon tetrachloride			0.0500	0.04540		mg/Kg		91	72 - 132	8	20
Chlorobenzene			0.0500	0.04365		mg/Kg		87	80 - 120	9	30
Chlorobromomethane			0.0500	0.04376		mg/Kg		88	79 - 122	7	20
Chlorodibromomethane			0.0500	0.04172		mg/Kg		83	81 - 123	12	20
Chloroethane			0.0500	0.04549		mg/Kg		91	66 - 130	7	57
Chloroform			0.0500	0.04371		mg/Kg		87	74 - 120	9	20
Chloromethane			0.0500	0.04322		mg/Kg		86	64 - 131	4	99
2-Chlorotoluene			0.0500	0.04270		mg/Kg		85	74 - 122	10	20
4-Chlorotoluene			0.0500	0.04326		mg/Kg		87	75 - 121	8	20
cis-1,2-Dichloroethene			0.0500	0.04463		mg/Kg		89	78 - 122	8	20
cis-1,3-Dichloropropene			0.0500	0.04583		mg/Kg		92	75 - 134	9	20
1,2-Dibromo-3-Chloropropane			0.0500	0.03867		mg/Kg		77	68 - 125	12	20
Dibromomethane			0.0500	0.04441		mg/Kg		89	82 - 119	11	20
1,2-Dichlorobenzene			0.0500	0.04192		mg/Kg		84	80 - 120	12	20
1,3-Dichlorobenzene			0.0500	0.04344		mg/Kg		87	78 - 120	10	20
1,4-Dichlorobenzene			0.0500	0.04284		mg/Kg		86	79 - 120	8	20
Dichlorobromomethane			0.0500	0.04544		mg/Kg		91	80 - 122	11	20
1,1-Dichloroethane			0.0500	0.04550		mg/Kg		91	72 - 123	6	20
1,2-Dichloroethane			0.0500	0.04484		mg/Kg		90	73 - 123	11	20
1,1-Dichloroethene			0.0500	0.04695		mg/Kg		94	74 - 126	0	30
1,2-Dichloropropane			0.0500	0.04451		mg/Kg		89	78 - 122	12	20
1,3-Dichloropropane			0.0500	0.04129		mg/Kg		83	82 - 120	13	20
2,2-Dichloropropane			0.0500	0.04577		mg/Kg		92	70 - 132	4	20
1,1-Dichloropropene			0.0500	0.04692		mg/Kg		94	74 - 126	7	20
Ethylbenzene			0.0500	0.04524		mg/Kg		90	80 - 121	9	30
Ethylene Dibromide			0.0500	0.04151		mg/Kg		83	82 - 118	11	20
Hexachlorobutadiene			0.0500	0.04156		mg/Kg		83	81 - 123	7	20
Hexane			0.0500	0.04706		mg/Kg		94	25 - 150	5	50
2-Hexanone			0.100	0.08508		mg/Kg		85	81 - 132	11	50
Iodomethane			0.0500	0.05255		mg/Kg		105	50 - 150	6	50
Isopropylbenzene			0.0500	0.04426		mg/Kg		89	72 - 129	8	20
4-Isopropyltoluene			0.0500	0.04527		mg/Kg		91	73 - 131	8	20
Methylene Chloride			0.0500	0.04391		mg/Kg		88	72 - 122	8	20
4-Methyl-2-pentanone (MIBK)			0.100	0.08922		mg/Kg		89	81 - 135	11	50

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

Lab Sample ID: LCSD 705-113019/2
Matrix: Solid
Analysis Batch: 113019

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
Methyl tert-butyl ether			0.0500	0.04221		mg/Kg		84	80 - 122	9	20
m-Xylene & p-Xylene			0.0500	0.04333		mg/Kg		87	79 - 123	9	30
Naphthalene			0.0500	0.03924		mg/Kg		78	66 - 128	6	30
n-Butylbenzene			0.0500	0.04622		mg/Kg		92	73 - 132	8	20
n-Heptane			0.0500	0.04604		mg/Kg		92	25 - 150	7	50
N-Propylbenzene			0.0500	0.04452		mg/Kg		89	74 - 127	7	20
o-Xylene			0.0500	0.04551		mg/Kg		91	78 - 122	10	30
sec-Butylbenzene			0.0500	0.04465		mg/Kg		89	72 - 131	8	20
Styrene			0.0500	0.04568		mg/Kg		91	79 - 128	10	20
tert-Butylbenzene			0.0500	0.04390		mg/Kg		88	73 - 128	7	20
1,1,1,2-Tetrachloroethane			0.0500	0.04234		mg/Kg		85	78 - 124	12	20
1,1,2,2-Tetrachloroethane			0.0500	0.03830		mg/Kg		77	73 - 121	14	20
Tetrachloroethene			0.0500	0.04450		mg/Kg		89	74 - 121	8	20
Toluene			0.0500	0.04562		mg/Kg		91	77 - 123	9	30
trans-1,4-Dichloro-2-butene			0.0500	0.03937		mg/Kg		79	50 - 150	11	50
trans-1,2-Dichloroethene			0.0500	0.04987		mg/Kg		100	76 - 124	3	20
trans-1,3-Dichloropropene			0.0500	0.04579		mg/Kg		92	70 - 131	9	20
1,2,3-Trichlorobenzene			0.0500	0.03916		mg/Kg		78	70 - 128	10	20
1,2,4-Trichlorobenzene			0.0500	0.04267		mg/Kg		85	69 - 130	6	20
1,1,1-Trichloroethane			0.0500	0.04480		mg/Kg		90	73 - 126	6	20
1,1,2-Trichloroethane			0.0500	0.04506		mg/Kg		90	77 - 124	10	20
Trichloroethene			0.0500	0.04646		mg/Kg		93	79 - 121	7	30
Trichlorofluoromethane			0.0500	0.04360		mg/Kg		87	77 - 128	4	50
1,2,3-Trichloropropane			0.0500	0.03775		mg/Kg		75	68 - 125	13	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04532		mg/Kg		91	80 - 121	5	50
1,2,4-Trimethylbenzene			0.0500	0.04413		mg/Kg		88	75 - 125	9	20
1,3,5-Trimethylbenzene			0.0500	0.04381		mg/Kg		88	74 - 128	8	20
Vinyl acetate			0.100	0.08578		mg/Kg		86	50 - 150	10	50
Vinyl chloride			0.0500	0.05326		mg/Kg		107	68 - 130	4	20
Xylenes, Total			0.100	0.08884		mg/Kg		89	79 - 122	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*98*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

Lab Sample ID: LCSD 705-113019/4
Matrix: Solid
Analysis Batch: 113019

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
Ethyl acetate			0.100	0.08758		mg/Kg		88	25 - 150	6	50
Isopropyl ether			0.0500	0.05097		mg/Kg		102	50 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 127*
Dibromofluoromethane	*100*		*80 - 119*

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

Lab Sample ID: LCSD 705-113019/4
Matrix: Solid
Analysis Batch: 113019

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	103		71 - 129

Lab Sample ID: MB 705-113128/6
Matrix: Solid
Analysis Batch: 113128

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			02/10/26 13:54	1
Benzene	ND		0.00500	0.000756	mg/Kg			02/10/26 13:54	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			02/10/26 13:54	1
Bromoform	ND		0.00500	0.00212	mg/Kg			02/10/26 13:54	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			02/10/26 13:54	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			02/10/26 13:54	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			02/10/26 13:54	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			02/10/26 13:54	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			02/10/26 13:54	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			02/10/26 13:54	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			02/10/26 13:54	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			02/10/26 13:54	1
Chloroform	ND		0.00500	0.000969	mg/Kg			02/10/26 13:54	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			02/10/26 13:54	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			02/10/26 13:54	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			02/10/26 13:54	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			02/10/26 13:54	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			02/10/26 13:54	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			02/10/26 13:54	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			02/10/26 13:54	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			02/10/26 13:54	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			02/10/26 13:54	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			02/10/26 13:54	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			02/10/26 13:54	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			02/10/26 13:54	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			02/10/26 13:54	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			02/10/26 13:54	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			02/10/26 13:54	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			02/10/26 13:54	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			02/10/26 13:54	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			02/10/26 13:54	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			02/10/26 13:54	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			02/10/26 13:54	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			02/10/26 13:54	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			02/10/26 13:54	1
Hexane	ND		0.0100	0.0100	mg/Kg			02/10/26 13:54	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			02/10/26 13:54	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			02/10/26 13:54	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			02/10/26 13:54	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			02/10/26 13:54	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			02/10/26 13:54	1

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

Lab Sample ID: MB 705-113128/6
Matrix: Solid
Analysis Batch: 113128

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			02/10/26 13:54	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			02/10/26 13:54	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			02/10/26 13:54	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			02/10/26 13:54	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			02/10/26 13:54	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			02/10/26 13:54	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			02/10/26 13:54	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			02/10/26 13:54	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			02/10/26 13:54	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			02/10/26 13:54	1
Styrene	ND		0.00500	0.00254	mg/Kg			02/10/26 13:54	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			02/10/26 13:54	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			02/10/26 13:54	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			02/10/26 13:54	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			02/10/26 13:54	1
Toluene	ND		0.00500	0.000982	mg/Kg			02/10/26 13:54	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			02/10/26 13:54	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			02/10/26 13:54	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			02/10/26 13:54	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			02/10/26 13:54	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			02/10/26 13:54	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			02/10/26 13:54	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			02/10/26 13:54	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			02/10/26 13:54	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			02/10/26 13:54	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			02/10/26 13:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			02/10/26 13:54	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			02/10/26 13:54	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			02/10/26 13:54	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			02/10/26 13:54	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			02/10/26 13:54	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			02/10/26 13:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*		*02/10/26 13:54*	*1*
Dibromofluoromethane	*97*		*80 - 119*		*02/10/26 13:54*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*		*02/10/26 13:54*	*1*

Lab Sample ID: LCS 705-113128/1001
Matrix: Solid
Analysis Batch: 113128

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.08314	J	mg/Kg		83	70 - 131
Benzene	0.0500	0.04889		mg/Kg		98	79 - 120
Bromobenzene	0.0500	0.04132		mg/Kg		83	75 - 118
Bromoform	0.0500	0.04388		mg/Kg		88	71 - 136
Bromomethane	0.0500	0.04755		mg/Kg		95	62 - 134

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

Lab Sample ID: LCS 705-113128/1001
Matrix: Solid
Analysis Batch: 113128

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	0.100	0.08983		mg/Kg		90	73 - 134
Carbon disulfide	0.0500	0.04428		mg/Kg		89	80 - 127
Carbon tetrachloride	0.0500	0.04557		mg/Kg		91	72 - 132
Chlorobenzene	0.0500	0.04530		mg/Kg		91	80 - 120
Chlorobromomethane	0.0500	0.04447		mg/Kg		89	79 - 122
Chlorodibromomethane	0.0500	0.04577		mg/Kg		92	81 - 123
Chloroethane	0.0500	0.04838		mg/Kg		97	66 - 130
Chloroform	0.0500	0.04344		mg/Kg		87	74 - 120
Chloromethane	0.0500	0.04492		mg/Kg		90	64 - 131
2-Chlorotoluene	0.0500	0.04112		mg/Kg		82	74 - 122
4-Chlorotoluene	0.0500	0.04211		mg/Kg		84	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04381		mg/Kg		88	78 - 122
cis-1,3-Dichloropropene	0.0500	0.04658		mg/Kg		93	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04007		mg/Kg		80	68 - 125
Dibromomethane	0.0500	0.04789		mg/Kg		96	82 - 119
1,2-Dichlorobenzene	0.0500	0.04322		mg/Kg		86	80 - 120
1,3-Dichlorobenzene	0.0500	0.04324		mg/Kg		86	78 - 120
1,4-Dichlorobenzene	0.0500	0.04246		mg/Kg		85	79 - 120
Dichlorobromomethane	0.0500	0.04716		mg/Kg		94	80 - 122
1,1-Dichloroethane	0.0500	0.04353		mg/Kg		87	72 - 123
1,2-Dichloroethane	0.0500	0.04803		mg/Kg		96	73 - 123
1,1-Dichloroethene	0.0500	0.04208		mg/Kg		84	74 - 126
1,2-Dichloropropane	0.0500	0.04728		mg/Kg		95	78 - 122
1,3-Dichloropropane	0.0500	0.04430		mg/Kg		89	82 - 120
2,2-Dichloropropane	0.0500	0.04186		mg/Kg		84	70 - 132
1,1-Dichloropropene	0.0500	0.04673		mg/Kg		93	74 - 126
Ethylbenzene	0.0500	0.04581		mg/Kg		92	80 - 121
Ethylene Dibromide	0.0500	0.04504		mg/Kg		90	82 - 118
Hexachlorobutadiene	0.0500	0.03981	*-	mg/Kg		80	81 - 123
Hexane	0.0500	0.04429		mg/Kg		89	25 - 150
2-Hexanone	0.100	0.09264		mg/Kg		93	81 - 132
Iodomethane	0.0500	0.04999		mg/Kg		100	50 - 150
Isopropylbenzene	0.0500	0.04120		mg/Kg		82	72 - 129
4-Isopropyltoluene	0.0500	0.04350		mg/Kg		87	73 - 131
Methylene Chloride	0.0500	0.04345		mg/Kg		87	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.09851		mg/Kg		99	81 - 135
Methyl tert-butyl ether	0.0500	0.04382		mg/Kg		88	80 - 122
m-Xylene & p-Xylene	0.0500	0.04401		mg/Kg		88	79 - 123
Naphthalene	0.0500	0.03733		mg/Kg		75	66 - 128
n-Butylbenzene	0.0500	0.04408		mg/Kg		88	73 - 132
n-Heptane	0.0500	0.04590		mg/Kg		92	25 - 150
N-Propylbenzene	0.0500	0.04245		mg/Kg		85	74 - 127
o-Xylene	0.0500	0.04640		mg/Kg		93	78 - 122
sec-Butylbenzene	0.0500	0.04260		mg/Kg		85	72 - 131
Styrene	0.0500	0.04678		mg/Kg		94	79 - 128
tert-Butylbenzene	0.0500	0.04129		mg/Kg		83	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04506		mg/Kg		90	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.04017		mg/Kg		80	73 - 121
Tetrachloroethene	0.0500	0.04498		mg/Kg		90	74 - 121

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

Lab Sample ID: LCS 705-113128/1001
Matrix: Solid
Analysis Batch: 113128

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0500	0.04640		mg/Kg		93	77 - 123		
trans-1,4-Dichloro-2-butene			0.0500	0.04179		mg/Kg		84	50 - 150		
trans-1,2-Dichloroethene			0.0500	0.04735		mg/Kg		95	76 - 124		
trans-1,3-Dichloropropene			0.0500	0.04879		mg/Kg		98	70 - 131		
1,2,3-Trichlorobenzene			0.0500	0.03974		mg/Kg		79	70 - 128		
1,2,4-Trichlorobenzene			0.0500	0.04029		mg/Kg		81	69 - 130		
1,1,1-Trichloroethane			0.0500	0.04176		mg/Kg		84	73 - 126		
1,1,2-Trichloroethane			0.0500	0.04883		mg/Kg		98	77 - 124		
Trichloroethene			0.0500	0.04673		mg/Kg		93	79 - 121		
Trichlorofluoromethane			0.0500	0.04489		mg/Kg		90	77 - 128		
1,2,3-Trichloropropane			0.0500	0.03778		mg/Kg		76	68 - 125		
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04302		mg/Kg		86	80 - 121		
1,2,4-Trimethylbenzene			0.0500	0.04303		mg/Kg		86	75 - 125		
1,3,5-Trimethylbenzene			0.0500	0.04206		mg/Kg		84	74 - 128		
Vinyl acetate			0.100	0.08726		mg/Kg		87	50 - 150		
Vinyl chloride			0.0500	0.05086		mg/Kg		102	68 - 130		
Xylenes, Total			0.100	0.09041		mg/Kg		90	79 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 127*
Dibromofluoromethane	*94*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

Lab Sample ID: LCS 705-113128/1003
Matrix: Solid
Analysis Batch: 113128

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			0.100	0.08801		mg/Kg		88	25 - 150		
Isopropyl ether			0.0500	0.05298		mg/Kg		106	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 127*
Dibromofluoromethane	*95*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

Lab Sample ID: LCSD 705-113128/2
Matrix: Solid
Analysis Batch: 113128

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
Acetone			0.100	0.08537	J	mg/Kg		85	70 - 131	3	50
Benzene			0.0500	0.05342		mg/Kg		107	79 - 120	9	30
Bromobenzene			0.0500	0.04500		mg/Kg		90	75 - 118	9	20
Bromoform			0.0500	0.04588		mg/Kg		92	71 - 136	4	20
Bromomethane			0.0500	0.05061		mg/Kg		101	62 - 134	6	90
2-Butanone (MEK)			0.100	0.09422		mg/Kg		94	73 - 134	5	50

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

Lab Sample ID: LCSD 705-113128/2
Matrix: Solid
Analysis Batch: 113128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide	0.0500	0.04955		mg/Kg		99	80 - 127	11	50
Carbon tetrachloride	0.0500	0.04998		mg/Kg		100	72 - 132	9	20
Chlorobenzene	0.0500	0.04793		mg/Kg		96	80 - 120	6	30
Chlorobromomethane	0.0500	0.04766		mg/Kg		95	79 - 122	7	20
Chlorodibromomethane	0.0500	0.04796		mg/Kg		96	81 - 123	5	20
Chloroethane	0.0500	0.05089		mg/Kg		102	66 - 130	5	57
Chloroform	0.0500	0.04703		mg/Kg		94	74 - 120	8	20
Chloromethane	0.0500	0.04865		mg/Kg		97	64 - 131	8	99
2-Chlorotoluene	0.0500	0.04567		mg/Kg		91	74 - 122	10	20
4-Chlorotoluene	0.0500	0.04706		mg/Kg		94	75 - 121	11	20
cis-1,2-Dichloroethene	0.0500	0.04771		mg/Kg		95	78 - 122	9	20
cis-1,3-Dichloropropene	0.0500	0.05091		mg/Kg		102	75 - 134	9	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04223		mg/Kg		84	68 - 125	5	20
Dibromomethane	0.0500	0.05008		mg/Kg		100	82 - 119	4	20
1,2-Dichlorobenzene	0.0500	0.04738		mg/Kg		95	80 - 120	9	20
1,3-Dichlorobenzene	0.0500	0.04822		mg/Kg		96	78 - 120	11	20
1,4-Dichlorobenzene	0.0500	0.04662		mg/Kg		93	79 - 120	9	20
Dichlorobromomethane	0.0500	0.05117		mg/Kg		102	80 - 122	8	20
1,1-Dichloroethane	0.0500	0.04863		mg/Kg		97	72 - 123	11	20
1,2-Dichloroethane	0.0500	0.05055		mg/Kg		101	73 - 123	5	20
1,1-Dichloroethene	0.0500	0.04721		mg/Kg		94	74 - 126	11	30
1,2-Dichloropropane	0.0500	0.05097		mg/Kg		102	78 - 122	8	20
1,3-Dichloropropane	0.0500	0.04657		mg/Kg		93	82 - 120	5	20
2,2-Dichloropropane	0.0500	0.04664		mg/Kg		93	70 - 132	11	20
1,1-Dichloropropene	0.0500	0.05062		mg/Kg		101	74 - 126	8	20
Ethylbenzene	0.0500	0.04980		mg/Kg		100	80 - 121	8	30
Ethylene Dibromide	0.0500	0.04669		mg/Kg		93	82 - 118	4	20
Hexachlorobutadiene	0.0500	0.04370		mg/Kg		87	81 - 123	9	20
Hexane	0.0500	0.04853		mg/Kg		97	25 - 150	9	50
2-Hexanone	0.100	0.09791		mg/Kg		98	81 - 132	6	50
Iodomethane	0.0500	0.05581		mg/Kg		112	50 - 150	11	50
Isopropylbenzene	0.0500	0.04686		mg/Kg		94	72 - 129	13	20
4-Isopropyltoluene	0.0500	0.04842		mg/Kg		97	73 - 131	11	20
Methylene Chloride	0.0500	0.04746		mg/Kg		95	72 - 122	9	20
4-Methyl-2-pentanone (MIBK)	0.100	0.1029		mg/Kg		103	81 - 135	4	50
Methyl tert-butyl ether	0.0500	0.04662		mg/Kg		93	80 - 122	6	20
m-Xylene & p-Xylene	0.0500	0.04710		mg/Kg		94	79 - 123	7	30
Naphthalene	0.0500	0.04320		mg/Kg		86	66 - 128	15	30
n-Butylbenzene	0.0500	0.05051		mg/Kg		101	73 - 132	14	20
n-Heptane	0.0500	0.04878		mg/Kg		98	25 - 150	6	50
N-Propylbenzene	0.0500	0.04749		mg/Kg		95	74 - 127	11	20
o-Xylene	0.0500	0.05004		mg/Kg		100	78 - 122	8	30
sec-Butylbenzene	0.0500	0.04819		mg/Kg		96	72 - 131	12	20
Styrene	0.0500	0.05061		mg/Kg		101	79 - 128	8	20
tert-Butylbenzene	0.0500	0.04673		mg/Kg		93	73 - 128	12	20
1,1,1,2-Tetrachloroethane	0.0500	0.04775		mg/Kg		95	78 - 124	6	20
1,1,2,2-Tetrachloroethane	0.0500	0.04308		mg/Kg		86	73 - 121	7	20
Tetrachloroethene	0.0500	0.04754		mg/Kg		95	74 - 121	6	20
Toluene	0.0500	0.04994		mg/Kg		100	77 - 123	7	30

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

Lab Sample ID: LCSD 705-113128/2
Matrix: Solid
Analysis Batch: 113128

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
trans-1,4-Dichloro-2-butene			0.0500	0.04484		mg/Kg		90	50 - 150	7	50
trans-1,2-Dichloroethene			0.0500	0.05252		mg/Kg		105	76 - 124	10	20
trans-1,3-Dichloropropene			0.0500	0.05166		mg/Kg		103	70 - 131	6	20
1,2,3-Trichlorobenzene			0.0500	0.04442		mg/Kg		89	70 - 128	11	20
1,2,4-Trichlorobenzene			0.0500	0.04698		mg/Kg		94	69 - 130	15	20
1,1,1-Trichloroethane			0.0500	0.04644		mg/Kg		93	73 - 126	11	20
1,1,2-Trichloroethane			0.0500	0.05132		mg/Kg		103	77 - 124	5	20
Trichloroethene			0.0500	0.05151		mg/Kg		103	79 - 121	10	30
Trichlorofluoromethane			0.0500	0.04832		mg/Kg		97	77 - 128	7	50
1,2,3-Trichloropropane			0.0500	0.04110		mg/Kg		82	68 - 125	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04774		mg/Kg		95	80 - 121	10	50
1,2,4-Trimethylbenzene			0.0500	0.04802		mg/Kg		96	75 - 125	11	20
1,3,5-Trimethylbenzene			0.0500	0.04717		mg/Kg		94	74 - 128	11	20
Vinyl acetate			0.100	0.09256		mg/Kg		93	50 - 150	6	50
Vinyl chloride			0.0500	0.05279		mg/Kg		106	68 - 130	4	20
Xylenes, Total			0.100	0.09714		mg/Kg		97	79 - 122	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*104*		*71 - 129*

Lab Sample ID: LCSD 705-113128/4
Matrix: Solid
Analysis Batch: 113128

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
Ethyl acetate			0.100	0.09185		mg/Kg		92	25 - 150	4	50
Isopropyl ether			0.0500	0.05160		mg/Kg		103	50 - 150	3	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

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

Lab Sample ID: MB 400-737958/1-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1

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

Lab Sample ID: MB 400-737958/1-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Acetophenone	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Anthracene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Atrazine	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Caprolactam	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Carbazole	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Chrysene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Fluorene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1

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

Lab Sample ID: MB 400-737958/1-A
Matrix: Solid
Analysis Batch: 738421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Isophorone	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Naphthalene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Phenol	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1
Pyrene	ND		0.330	0.0330	mg/Kg		01/31/26 13:36	02/05/26 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*40 - 140*	*01/31/26 13:36*	*02/05/26 13:48*	*1*
2-Fluorobiphenyl (Surr)	*104*		*40 - 140*	*01/31/26 13:36*	*02/05/26 13:48*	*1*
2-Fluorophenol (Surr)	*113*		*40 - 140*	*01/31/26 13:36*	*02/05/26 13:48*	*1*
Nitrobenzene-d5 (Surr)	*119*		*40 - 140*	*01/31/26 13:36*	*02/05/26 13:48*	*1*
Phenol-d5 (Surr)	*99*		*40 - 140*	*01/31/26 13:36*	*02/05/26 13:48*	*1*
Terphenyl-d14 (Surr)	*114*		*40 - 140*	*01/31/26 13:36*	*02/05/26 13:48*	*1*

Lab Sample ID: LCS 400-737958/2-A
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.48	1.683		mg/Kg		114	19 - 126
2,4,5-Trichlorophenol	1.48	2.155		mg/Kg		146	10 - 150
2,4,6-Trichlorophenol	1.48	1.768		mg/Kg		120	10 - 150
2,4-Dichlorophenol	1.48	1.974		mg/Kg		134	10 - 150
2,4-Dimethylphenol	1.48	0.9183		mg/Kg		62	10 - 141
2,4-Dinitrophenol	2.95	1.584		mg/Kg		54	10 - 150
2,4-Dinitrotoluene	1.48	2.606	*+	mg/Kg		177	31 - 136
2,6-Dinitrotoluene	1.48	2.807	*+	mg/Kg		190	31 - 137
2-Chloronaphthalene	1.48	1.840		mg/Kg		125	20 - 126
2-Chlorophenol	1.48	1.923		mg/Kg		130	10 - 150
2-Methylnaphthalene	1.48	1.805		mg/Kg		122	20 - 150
2-Methylphenol	1.48	1.813		mg/Kg		123	18 - 126
2-Nitroaniline	1.48	2.734	*+	mg/Kg		185	30 - 150
2-Nitrophenol	1.48	2.607	*+	mg/Kg		177	19 - 150
3 & 4 Methylphenol	1.48	1.852		mg/Kg		125	10 - 150
3,3'-Dichlorobenzidine	2.95	3.493	E	mg/Kg		118	10 - 124
3-Nitroaniline	1.48	2.536	*+	mg/Kg		172	10 - 148
4,6-Dinitro-2-methylphenol	2.95	2.949		mg/Kg		100	15 - 150
4-Bromophenyl phenyl ether	1.48	1.879		mg/Kg		127	21 - 129
4-Chloro-3-methylphenol	1.48	1.814		mg/Kg		123	16 - 150
4-Chloroaniline	1.48	1.415		mg/Kg		96	10 - 120
4-Chlorophenyl phenyl ether	1.48	1.757		mg/Kg		119	21 - 124
4-Nitroaniline	1.48	2.534	*+	mg/Kg		172	21 - 146
4-Nitrophenol	2.95	4.194		mg/Kg		142	10 - 150

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

Lab Sample ID: LCS 400-737958/2-A
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1.48	1.753		mg/Kg		119	21 - 150
Acenaphthylene	1.48	1.751		mg/Kg		119	22 - 150
Acetophenone	1.48	1.850		mg/Kg		125	15 - 128
Anthracene	1.48	1.996		mg/Kg		135	28 - 150
Atrazine	1.48	2.156		mg/Kg		146	10 - 150
Benzaldehyde	1.48	1.832		mg/Kg		124	10 - 150
Benzo[a]anthracene	1.48	2.043		mg/Kg		138	32 - 150
Benzo[a]pyrene	1.48	1.945		mg/Kg		132	24 - 150
Benzo[b]fluoranthene	1.48	1.975		mg/Kg		134	17 - 150
Benzo[g,h,i]perylene	1.48	1.820		mg/Kg		123	25 - 150
Benzo[k]fluoranthene	1.48	1.878		mg/Kg		127	24 - 150
bis (2-chloroisopropyl) ether	1.48	1.709		mg/Kg		116	13 - 125
Bis(2-chloroethoxy)methane	1.48	1.957	*+	mg/Kg		133	16 - 132
Bis(2-chloroethyl)ether	1.48	1.944	*+	mg/Kg		132	24 - 120
Bis(2-ethylhexyl) phthalate	1.48	2.231	*+	mg/Kg		151	12 - 150
Butyl benzyl phthalate	1.48	2.190		mg/Kg		148	24 - 150
Caprolactam	1.48	2.221		mg/Kg		150	10 - 150
Carbazole	1.48	2.111		mg/Kg		143	16 - 150
Chrysene	1.48	1.976		mg/Kg		134	31 - 150
Dibenz(a,h)anthracene	1.48	1.936		mg/Kg		131	26 - 150
Dibenzofuran	1.48	1.963	*+	mg/Kg		133	27 - 123
Diethyl phthalate	1.48	1.826		mg/Kg		124	20 - 150
Dimethyl phthalate	1.48	1.949		mg/Kg		132	21 - 140
Di-n-butyl phthalate	1.48	1.963		mg/Kg		133	10 - 150
Di-n-octyl phthalate	1.48	2.259	*+	mg/Kg		153	23 - 150
Fluoranthene	1.48	1.888		mg/Kg		128	27 - 150
Fluorene	1.48	1.969		mg/Kg		133	21 - 150
Hexachlorobenzene	1.48	1.952	*+	mg/Kg		132	23 - 121
Hexachlorobutadiene	1.48	1.752		mg/Kg		119	15 - 120
Hexachlorocyclopentadiene	1.48	1.287		mg/Kg		87	14 - 132
Hexachloroethane	1.48	1.954	*+	mg/Kg		132	20 - 120
Indeno[1,2,3-cd]pyrene	1.48	1.903		mg/Kg		129	33 - 150
Isophorone	1.48	1.903		mg/Kg		129	22 - 129
Naphthalene	1.48	1.868		mg/Kg		127	17 - 150
Nitrobenzene	1.48	2.202	*+	mg/Kg		149	22 - 126
N-Nitrosodi-n-propylamine	1.48	2.042	*+	mg/Kg		138	23 - 128
N-Nitrosodiphenylamine	1.46	2.024	*+	mg/Kg		138	21 - 137
Pentachlorophenol	2.95	3.448		mg/Kg		117	10 - 150
Phenanthrene	1.48	2.007		mg/Kg		136	24 - 150
Phenol	1.48	2.041		mg/Kg		138	10 - 150
Pyrene	1.48	1.887		mg/Kg		128	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*135*		*40 - 140*
2-Fluorobiphenyl (Surr)	*134*		*40 - 140*
2-Fluorophenol (Surr)	*135*		*40 - 140*
Nitrobenzene-d5 (Surr)	*155*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*132*		*40 - 140*

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

Lab Sample ID: LCS 400-737958/2-A
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737958

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	136		40 - 140

Lab Sample ID: 752-41468-1 MS
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1.96	2.294	I	mg/Kg	☼	117	40 - 140
2,4,5-Trichlorophenol	ND	F1	1.96	3.080	I F1	mg/Kg	☼	157	40 - 140
2,4,6-Trichlorophenol	ND		1.96	2.140		mg/Kg	☼	109	40 - 140
2,4-Dichlorophenol	ND		1.96	2.627		mg/Kg	☼	134	40 - 140
2,4-Dimethylphenol	ND		1.96	1.091		mg/Kg	☼	56	40 - 140
2,4-Dinitrophenol	ND		3.91	3.158		mg/Kg	☼	81	40 - 140
2,4-Dinitrotoluene	ND	F1 *+	1.96	3.342	I F1	mg/Kg	☼	171	40 - 140
2,6-Dinitrotoluene	ND	F1 *+	1.96	3.605	I F1	mg/Kg	☼	184	40 - 140
2-Chloronaphthalene	ND		1.96	2.511	I	mg/Kg	☼	128	40 - 140
2-Chlorophenol	ND	F1	1.96	2.792	I F1	mg/Kg	☼	143	40 - 140
2-Methylnaphthalene	ND		1.96	2.500		mg/Kg	☼	128	40 - 140
2-Methylphenol	ND		1.96	2.504		mg/Kg	☼	128	40 - 140
2-Nitroaniline	ND	F1 *+	1.96	3.618	I F1	mg/Kg	☼	185	40 - 140
2-Nitrophenol	ND	F1 *+	1.96	3.254	F1	mg/Kg	☼	166	40 - 140
3 & 4 Methylphenol	ND		1.96	2.717		mg/Kg	☼	139	40 - 140
3,3'-Dichlorobenzidine	ND		3.91	5.472	E I	mg/Kg	☼	140	40 - 140
3-Nitroaniline	ND	F1 *+	1.96	3.510	I F1	mg/Kg	☼	179	40 - 140
4,6-Dinitro-2-methylphenol	ND	F1	3.91	4.705	I	mg/Kg	☼	120	40 - 140
4-Bromophenyl phenyl ether	ND		1.96	2.612		mg/Kg	☼	134	40 - 140
4-Chloro-3-methylphenol	ND		1.96	2.616		mg/Kg	☼	134	40 - 140
4-Chloroaniline	ND		1.96	2.326	I	mg/Kg	☼	119	40 - 140
4-Chlorophenyl phenyl ether	ND		1.96	2.384		mg/Kg	☼	122	40 - 140
4-Nitroaniline	ND	F1 *+	1.96	3.273	I F1	mg/Kg	☼	167	40 - 140
4-Nitrophenol	ND	F1	3.91	5.440	I	mg/Kg	☼	139	40 - 140
Acenaphthene	ND		1.96	2.345	I	mg/Kg	☼	120	40 - 140
Acenaphthylene	ND		1.96	2.370	I	mg/Kg	☼	121	40 - 140
Acetophenone	ND		1.96	2.682		mg/Kg	☼	137	40 - 140
Anthracene	ND	F1	1.96	2.757	I F1	mg/Kg	☼	141	40 - 140
Atrazine	ND		1.96	2.486		mg/Kg	☼	127	40 - 140
Benzaldehyde	ND		1.96	1.898		mg/Kg	☼	97	40 - 140
Benzo[a]anthracene	0.0492	J F1	1.96	2.696	I	mg/Kg	☼	135	40 - 140
Benzo[a]pyrene	0.0592	J	1.96	2.703	I	mg/Kg	☼	135	40 - 140
Benzo[b]fluoranthene	0.0811	J	1.96	2.726	I	mg/Kg	☼	135	40 - 140
Benzo[g,h,i]perylene	0.0484	J	1.96	2.523	I	mg/Kg	☼	127	40 - 140
Benzo[k]fluoranthene	ND		1.96	2.624	I	mg/Kg	☼	134	40 - 140
bis (2-chloroisopropyl) ether	ND		1.96	2.541	I	mg/Kg	☼	130	40 - 140
Bis(2-chloroethoxy)methane	ND	*+	1.96	2.712	I	mg/Kg	☼	139	40 - 140
Bis(2-chloroethyl)ether	ND	F1 *+	1.96	2.840	I F1	mg/Kg	☼	145	40 - 140
Bis(2-ethylhexyl) phthalate	0.192	J B F1 *+	1.96	3.014	F1	mg/Kg	☼	144	40 - 140
Butyl benzyl phthalate	ND	F1	1.96	2.909	I F1	mg/Kg	☼	149	40 - 140
Caprolactam	ND		1.96	2.596	I	mg/Kg	☼	133	40 - 140

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

Lab Sample ID: 752-41468-1 MS
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	ND	F1	1.96	2.909	I F1	mg/Kg	☼	149	40 - 140
Chrysene	0.0589	J	1.96	2.648	I	mg/Kg	☼	132	40 - 140
Dibenz(a,h)anthracene	ND		1.96	2.645	I	mg/Kg	☼	135	40 - 140
Dibenzofuran	ND	*+	1.96	2.673	I	mg/Kg	☼	137	40 - 140
Diethyl phthalate	ND		1.96	2.441		mg/Kg	☼	125	40 - 140
Dimethyl phthalate	ND		1.96	2.614	I	mg/Kg	☼	134	40 - 140
Di-n-butyl phthalate	ND		1.96	2.718		mg/Kg	☼	139	40 - 140
Di-n-octyl phthalate	ND	F1 *+	1.96	3.039	I F1	mg/Kg	☼	155	40 - 140
Fluoranthene	0.0935	J	1.96	2.646	I	mg/Kg	☼	131	40 - 140
Fluorene	ND		1.96	2.645	I	mg/Kg	☼	135	40 - 140
Hexachlorobenzene	ND	*+	1.96	2.702		mg/Kg	☼	138	40 - 140
Hexachlorobutadiene	ND		1.96	2.441	I	mg/Kg	☼	125	40 - 140
Hexachlorocyclopentadiene	ND		1.96	1.267		mg/Kg	☼	65	40 - 140
Hexachloroethane	ND	F1 *+	1.96	2.770	I F1	mg/Kg	☼	142	40 - 140
Indeno[1,2,3-cd]pyrene	0.0469	J	1.96	2.631	I	mg/Kg	☼	132	40 - 140
Isophorone	ND	F1	1.96	2.779	I F1	mg/Kg	☼	142	40 - 140
Naphthalene	ND		1.96	2.595	I	mg/Kg	☼	133	40 - 140
Nitrobenzene	ND	F1 *+	1.96	3.150	F1	mg/Kg	☼	161	40 - 140
N-Nitrosodi-n-propylamine	ND	F1 *+	1.96	2.987	I F1	mg/Kg	☼	153	40 - 140
N-Nitrosodiphenylamine	ND	*+	1.94	2.724	I	mg/Kg	☼	140	40 - 140
Pentachlorophenol	ND		3.91	2.795		mg/Kg	☼	71	40 - 140
Phenanthrene	ND	F1	1.96	2.806	I F1	mg/Kg	☼	143	40 - 140
Phenol	ND	F1	1.96	2.981	I F1	mg/Kg	☼	152	40 - 140
Pyrene	0.0865	J	1.96	2.614	I	mg/Kg	☼	129	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*138*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*135*	*S1+*	*40 - 140*
2-Fluorophenol (Surr)	*141*	*S1+*	*40 - 140*
Nitrobenzene-d5 (Surr)	*158*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*144*	*S1+*	*40 - 140*
Terphenyl-d14 (Surr)	*133*	*S1+*	*40 - 140*

Lab Sample ID: 752-41468-1 MSD
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1.89	2.234	I	mg/Kg	☼	118	40 - 140	3	50
2,4,5-Trichlorophenol	ND	F1	1.89	3.056	I F1	mg/Kg	☼	161	40 - 140	1	50
2,4,6-Trichlorophenol	ND		1.89	1.966		mg/Kg	☼	104	40 - 140	8	50
2,4-Dichlorophenol	ND		1.89	2.497		mg/Kg	☼	132	40 - 140	5	50
2,4-Dimethylphenol	ND		1.89	0.8975		mg/Kg	☼	47	40 - 140	19	50
2,4-Dinitrophenol	ND		3.79	4.772		mg/Kg	☼	126	40 - 140	41	50
2,4-Dinitrotoluene	ND	F1 *+	1.89	3.397	I F1	mg/Kg	☼	179	40 - 140	2	50
2,6-Dinitrotoluene	ND	F1 *+	1.89	3.717	I F1	mg/Kg	☼	196	40 - 140	3	50
2-Chloronaphthalene	ND		1.89	2.420	I	mg/Kg	☼	128	40 - 140	4	50
2-Chlorophenol	ND	F1	1.89	2.613	I	mg/Kg	☼	138	40 - 140	7	50

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

Lab Sample ID: 752-41468-1 MSD
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	ND		1.89	2.363		mg/Kg	☼	125	40 - 140	6	50
2-Methylphenol	ND		1.89	2.367		mg/Kg	☼	125	40 - 140	6	50
2-Nitroaniline	ND	F1 *+	1.89	3.638	I F1	mg/Kg	☼	192	40 - 140	1	50
2-Nitrophenol	ND	F1 *+	1.89	3.506	F1	mg/Kg	☼	185	40 - 140	7	50
3 & 4 Methylphenol	ND		1.89	2.578		mg/Kg	☼	136	40 - 140	5	50
3,3'-Dichlorobenzidine	ND		3.79	5.271	E I	mg/Kg	☼	139	40 - 140	4	50
3-Nitroaniline	ND	F1 *+	1.89	3.368	I F1	mg/Kg	☼	178	40 - 140	4	50
4,6-Dinitro-2-methylphenol	ND	F1	3.79	5.850	I F1	mg/Kg	☼	154	40 - 140	22	50
4-Bromophenyl phenyl ether	ND		1.89	2.474		mg/Kg	☼	131	40 - 140	5	50
4-Chloro-3-methylphenol	ND		1.89	2.477		mg/Kg	☼	131	40 - 140	5	50
4-Chloroaniline	ND		1.89	2.236	I	mg/Kg	☼	118	40 - 140	4	50
4-Chlorophenyl phenyl ether	ND		1.89	2.285		mg/Kg	☼	121	40 - 140	4	50
4-Nitroaniline	ND	F1 *+	1.89	3.260	I F1	mg/Kg	☼	172	40 - 140	0	50
4-Nitrophenol	ND	F1	3.79	5.626	I F1	mg/Kg	☼	149	40 - 140	3	50
Acenaphthene	ND		1.89	2.280	I	mg/Kg	☼	120	40 - 140	3	50
Acenaphthylene	ND		1.89	2.283	I	mg/Kg	☼	121	40 - 140	4	50
Acetophenone	ND		1.89	2.525		mg/Kg	☼	133	40 - 140	6	50
Anthracene	ND	F1	1.89	2.618	I	mg/Kg	☼	138	40 - 140	5	50
Atrazine	ND		1.89	2.368		mg/Kg	☼	125	40 - 140	5	50
Benzaldehyde	ND		1.89	1.809		mg/Kg	☼	96	40 - 140	5	50
Benzo[a]anthracene	0.0492	J F1	1.89	2.719	I F1	mg/Kg	☼	141	40 - 140	1	50
Benzo[a]pyrene	0.0592	J	1.89	2.533	I	mg/Kg	☼	131	40 - 140	7	50
Benzo[b]fluoranthene	0.0811	J	1.89	2.505	I	mg/Kg	☼	128	40 - 140	8	50
Benzo[g,h,i]perylene	0.0484	J	1.89	2.348	I	mg/Kg	☼	121	40 - 140	7	50
Benzo[k]fluoranthene	ND		1.89	2.475	I	mg/Kg	☼	131	40 - 140	6	50
bis (2-chloroisopropyl) ether	ND		1.89	2.373	I	mg/Kg	☼	125	40 - 140	7	50
Bis(2-chloroethoxy)methane	ND	*+	1.89	2.582	I	mg/Kg	☼	136	40 - 140	5	50
Bis(2-chloroethyl)ether	ND	F1 *+	1.89	2.679	I F1	mg/Kg	☼	141	40 - 140	6	50
Bis(2-ethylhexyl) phthalate	0.192	J B F1 *+	1.89	2.857	F1	mg/Kg	☼	141	40 - 140	5	50
Butyl benzyl phthalate	ND	F1	1.89	2.793	I F1	mg/Kg	☼	148	40 - 140	4	50
Caprolactam	ND		1.89	2.468	I	mg/Kg	☼	130	40 - 140	5	50
Carbazole	ND	F1	1.89	2.754	I F1	mg/Kg	☼	145	40 - 140	5	50
Chrysene	0.0589	J	1.89	2.515	I	mg/Kg	☼	130	40 - 140	5	50
Dibenz(a,h)anthracene	ND		1.89	2.456	I	mg/Kg	☼	130	40 - 140	7	50
Dibenzofuran	ND	*+	1.89	2.574	I	mg/Kg	☼	136	40 - 140	4	50
Diethyl phthalate	ND		1.89	2.374		mg/Kg	☼	125	40 - 140	3	50
Dimethyl phthalate	ND		1.89	2.560	I	mg/Kg	☼	135	40 - 140	2	50
Di-n-butyl phthalate	ND		1.89	2.566		mg/Kg	☼	136	40 - 140	6	50
Di-n-octyl phthalate	ND	F1 *+	1.89	2.920	I F1	mg/Kg	☼	154	40 - 140	4	50
Fluoranthene	0.0935	J	1.89	2.610	I	mg/Kg	☼	133	40 - 140	1	50
Fluorene	ND		1.89	2.548	I	mg/Kg	☼	135	40 - 140	4	50
Hexachlorobenzene	ND	*+	1.89	2.581		mg/Kg	☼	136	40 - 140	5	50
Hexachlorobutadiene	ND		1.89	2.315	I	mg/Kg	☼	122	40 - 140	5	50
Hexachlorocyclopentadiene	ND		1.89	1.480		mg/Kg	☼	78	40 - 140	15	50
Hexachloroethane	ND	F1 *+	1.89	2.660	I F1	mg/Kg	☼	141	40 - 140	4	50
Indeno[1,2,3-cd]pyrene	0.0469	J	1.89	2.448	I	mg/Kg	☼	127	40 - 140	7	50
Isophorone	ND	F1	1.89	2.600	I	mg/Kg	☼	137	40 - 140	7	50
Naphthalene	ND		1.89	2.475	I	mg/Kg	☼	131	40 - 140	5	50
Nitrobenzene	ND	F1 *+	1.89	3.087	F1	mg/Kg	☼	163	40 - 140	2	50

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

Lab Sample ID: 752-41468-1 MSD
Matrix: Solid
Analysis Batch: 738020

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodi-n-propylamine	ND	F1 *+	1.89	2.763	I F1	mg/Kg	☼	146	40 - 140	8	50
N-Nitrosodiphenylamine	ND	*+	1.88	2.613	I	mg/Kg	☼	139	40 - 140	4	50
Pentachlorophenol	ND		3.79	2.864		mg/Kg	☼	76	40 - 140	2	50
Phenanthrene	ND	F1	1.89	2.723	I F1	mg/Kg	☼	144	40 - 140	3	50
Phenol	ND	F1	1.89	2.716	I F1	mg/Kg	☼	143	40 - 140	9	50
Pyrene	0.0865	J	1.89	2.580	I	mg/Kg	☼	132	40 - 140	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*134*		*40 - 140*
2-Fluorobiphenyl (Surr)	*135*		*40 - 140*
2-Fluorophenol (Surr)	*135*		*40 - 140*
Nitrobenzene-d5 (Surr)	*161*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*137*		*40 - 140*
Terphenyl-d14 (Surr)	*132*		*40 - 140*

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

Lab Sample ID: MB 400-737959/1-A
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		01/31/26 13:42	02/02/26 17:43	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*10 - 150*	*01/31/26 13:42*	*02/02/26 17:43*	*1*

Lab Sample ID: LCS 400-737959/2-A
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737959

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2147		mg/Kg		81	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*51*		*10 - 150*

Lab Sample ID: 752-41468-1 MS
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737959

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		0.358	0.3176		mg/Kg	☼	89	50 - 150		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*45*		*10 - 150*

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

Lab Sample ID: 752-41468-1 MSD
Matrix: Solid
Analysis Batch: 738078

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 737959

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.358	0.3206		mg/Kg	☼	90	50 - 150	1	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*41*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-112562/1-A
Matrix: Solid
Analysis Batch: 112631

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			02/06/26 17:46	1

Lab Sample ID: LCS 705-112562/2-A
Matrix: Solid
Analysis Batch: 112631

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	259.4		mg/Kg		104	90 - 110

Lab Sample ID: 752-41468-1 MS
Matrix: Solid
Analysis Batch: 112631

Client Sample ID: 822-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	17.2		335	355.0		mg/Kg	☼	101	80 - 120

Lab Sample ID: 752-41468-1 MSD
Matrix: Solid
Analysis Batch: 112631

Client Sample ID: 822-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	17.2		335	352.0		mg/Kg	☼	100	80 - 120	1	15

Lab Sample ID: MB 705-113574/1-A
Matrix: Solid
Analysis Batch: 113600

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			02/11/26 15:19	1

Lab Sample ID: LCS 705-113574/2-A
Matrix: Solid
Analysis Batch: 113600

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	50.71		mg/Kg		101	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 752-41468-2 MS
Matrix: Solid
Analysis Batch: 113600

Client Sample ID: 822-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND		67.0	68.87		mg/Kg	☼	103	80 - 120

Lab Sample ID: 752-41468-2 MSD
Matrix: Solid
Analysis Batch: 113600

Client Sample ID: 822-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND		67.0	68.33		mg/Kg	☼	102	80 - 120	1	15

Lab Sample ID: MB 705-113574/1-A
Matrix: Solid
Analysis Batch: 113601

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			02/11/26 15:19	1

Lab Sample ID: LCS 705-113574/2-A
Matrix: Solid
Analysis Batch: 113601

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	242.0		mg/Kg		97	90 - 110

Lab Sample ID: 752-41468-2 MS
Matrix: Solid
Analysis Batch: 113601

Client Sample ID: 822-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.8		335	349.4		mg/Kg	☼	97	80 - 120

Lab Sample ID: 752-41468-2 MSD
Matrix: Solid
Analysis Batch: 113601

Client Sample ID: 822-SED-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	25.8		335	332.4		mg/Kg	☼	91	80 - 120	5	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-111567/1-A
Matrix: Solid
Analysis Batch: 112547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Arsenic	ND		0.600	0.0535	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Barium	ND		2.50	0.0142	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Beryllium	ND		0.500	0.0351	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Cadmium	ND		0.500	0.0163	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Chromium	ND		1.00	0.206	mg/Kg		02/03/26 09:00	02/06/26 00:19	5

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-111567/1-A
Matrix: Solid
Analysis Batch: 112547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.750	0.0283	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Copper	0.05989	J	0.500	0.0520	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Lead	ND		0.500	0.0590	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Manganese	ND		1.00	0.0615	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Nickel	ND		1.00	0.0262	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Selenium	ND		2.50	0.178	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Silver	ND		0.250	0.00290	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Thallium	ND		0.700	0.0422	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Vanadium	ND		1.00	0.126	mg/Kg		02/03/26 09:00	02/06/26 00:19	5
Zinc	ND		2.50	2.08	mg/Kg		02/03/26 09:00	02/06/26 00:19	5

Lab Sample ID: LCS 705-111567/2-A
Matrix: Solid
Analysis Batch: 112547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	8.883		mg/Kg		89	80 - 120
Arsenic	10.0	11.36		mg/Kg		114	80 - 120
Barium	10.0	9.162		mg/Kg		92	80 - 120
Beryllium	10.0	9.478		mg/Kg		95	80 - 120
Cadmium	10.0	8.441		mg/Kg		84	80 - 120
Chromium	10.0	10.66		mg/Kg		107	80 - 120
Cobalt	10.0	10.90		mg/Kg		109	80 - 120
Copper	10.0	10.85		mg/Kg		109	80 - 120
Lead	10.0	10.09		mg/Kg		101	80 - 120
Manganese	10.0	10.53		mg/Kg		105	80 - 120
Nickel	10.0	10.34		mg/Kg		103	80 - 120
Selenium	10.0	9.838		mg/Kg		98	80 - 120
Silver	1.00	1.061		mg/Kg		106	80 - 120
Thallium	10.0	10.30		mg/Kg		103	80 - 120
Vanadium	10.0	11.08		mg/Kg		111	80 - 120
Zinc	10.0	10.65		mg/Kg		107	80 - 120

Lab Sample ID: 752-41468-7 MS
Matrix: Solid
Analysis Batch: 112547

Client Sample ID: 822-SED-7
Prep Type: Total/NA
Prep Batch: 111567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.208	J F1	7.20	4.060	F1	mg/Kg	☼	54	75 - 125
Arsenic	0.932		7.20	7.583		mg/Kg	☼	92	75 - 125
Barium	22.1		7.20	30.43		mg/Kg	☼	116	75 - 125
Beryllium	0.148	J	7.20	6.531		mg/Kg	☼	89	75 - 125
Cadmium	0.128	J	7.20	6.312		mg/Kg	☼	86	75 - 125
Chromium	5.55		7.20	11.62		mg/Kg	☼	84	75 - 125
Cobalt	2.66		7.20	8.959		mg/Kg	☼	88	75 - 125
Copper	10.9	F1 B	7.20	15.99	F1	mg/Kg	☼	71	75 - 125
Lead	30.7	F2	7.20	32.64	4	mg/Kg	☼	28	75 - 125
Manganese	62.5		7.20	60.78	4	mg/Kg	☼	-24	75 - 125
Nickel	8.17	F1	7.20	13.54		mg/Kg	☼	75	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-41468-7 MS
Matrix: Solid
Analysis Batch: 112547

Client Sample ID: 822-SED-7
Prep Type: Total/NA
Prep Batch: 111567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.196	J	7.20	6.843		mg/Kg	☼	92	75 - 125
Silver	0.0156	J	0.720	0.7498		mg/Kg	☼	102	75 - 125
Thallium	ND		7.20	7.327		mg/Kg	☼	102	75 - 125
Vanadium	12.4		7.20	20.74		mg/Kg	☼	115	75 - 125
Zinc	54.3		7.20	48.98	4	mg/Kg	☼	-75	75 - 125

Lab Sample ID: 752-41468-7 MSD
Matrix: Solid
Analysis Batch: 112547

Client Sample ID: 822-SED-7
Prep Type: Total/NA
Prep Batch: 111567

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.208	J F1	7.20	4.048	F1	mg/Kg	☼	53	75 - 125	0	20
Arsenic	0.932		7.20	6.882		mg/Kg	☼	83	75 - 125	10	20
Barium	22.1		7.20	31.00		mg/Kg	☼	124	75 - 125	2	20
Beryllium	0.148	J	7.20	6.597		mg/Kg	☼	90	75 - 125	1	20
Cadmium	0.128	J	7.20	6.299		mg/Kg	☼	86	75 - 125	0	20
Chromium	5.55		7.20	12.19		mg/Kg	☼	92	75 - 125	5	20
Cobalt	2.66		7.20	8.986		mg/Kg	☼	88	75 - 125	0	20
Copper	10.9	F1 B	7.20	15.11	F1	mg/Kg	☼	59	75 - 125	6	20
Lead	30.7	F2	7.20	47.43	4 F2	mg/Kg	☼	233	75 - 125	37	20
Manganese	62.5		7.20	61.91	4	mg/Kg	☼	-9	75 - 125	2	20
Nickel	8.17	F1	7.20	13.32	F1	mg/Kg	☼	72	75 - 125	2	20
Selenium	0.196	J	7.20	5.819		mg/Kg	☼	78	75 - 125	16	20
Silver	0.0156	J	0.720	0.7298		mg/Kg	☼	99	75 - 125	3	20
Thallium	ND		7.20	7.214		mg/Kg	☼	100	75 - 125	2	20
Vanadium	12.4		7.20	18.03		mg/Kg	☼	78	75 - 125	14	20
Zinc	54.3		7.20	51.32	4	mg/Kg	☼	-42	75 - 125	5	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-111638/1-A
Matrix: Solid
Analysis Batch: 112274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		02/03/26 13:35	02/05/26 10:05	1

Lab Sample ID: LCS 705-111638/2-A
Matrix: Solid
Analysis Batch: 112274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.3733		mg/Kg		93	80 - 120

Lab Sample ID: 752-41468-1 MS
Matrix: Solid
Analysis Batch: 112274

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 111638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.524	0.4815		mg/Kg	☼	92	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: 752-41468-1 MSD
Matrix: Solid
Analysis Batch: 112274

Client Sample ID: 822-SED-1
Prep Type: Total/NA
Prep Batch: 111638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.524	0.4969		mg/Kg	☼	95	80 - 120	3	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-738628/19
Matrix: Solid
Analysis Batch: 738628

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	0.05300		mg/L		106	50 - 150		

Lab Sample ID: MRL 400-739071/19
Matrix: Solid
Analysis Batch: 739071

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	0.05000		mg/L		100	50 - 150		

Lab Sample ID: MB 400-738458/1-A
Matrix: Solid
Analysis Batch: 738628

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		0.990	0.317	mg/Kg			02/06/26 11:44	1

Lab Sample ID: LCS 400-738458/2-A
Matrix: Solid
Analysis Batch: 738628

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.7	59.52		mg/Kg		100	90 - 110		

Lab Sample ID: MB 400-738980/1-A
Matrix: Solid
Analysis Batch: 739071

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		0.996	0.319	mg/Kg			02/11/26 14:42	1

Lab Sample ID: LCS 400-738980/2-A
Matrix: Solid
Analysis Batch: 739071

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)			59.2	61.08		mg/Kg		103	90 - 110		

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

Job ID: 752-41468-1

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-737999/1-A
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		02/02/26 09:28	02/04/26 16:28	1

Lab Sample ID: LCS 400-737999/2-A
Matrix: Solid
Analysis Batch: 738352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737999

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.830		mg/Kg		91	85 - 115		

GC/MS VOA

Analysis Batch: 112647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-11	Trip Blank	Total/NA	Water	8260D	
MB 705-112647/9	Method Blank	Total/NA	Water	8260D	
LCS 705-112647/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112647/1004	Lab Control Sample	Total/NA	Water	8260D	

Prep Batch: 112729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	5030B	
752-41468-2	822-SED-2	Total/NA	Solid	5030B	
752-41468-3	822-SED-3	Total/NA	Solid	5030B	
752-41468-4	822-SED-4	Total/NA	Solid	5030B	
752-41468-5	822-SED-5	Total/NA	Solid	5030B	
752-41468-6	822-SED-6	Total/NA	Solid	5030B	
752-41468-7	822-SED-7	Total/NA	Solid	5030B	
752-41468-8	822-SED-8	Total/NA	Solid	5030B	
752-41468-9	822-SED-9	Total/NA	Solid	5030B	
752-41468-10	822-SED-Dup	Total/NA	Solid	5030B	

Analysis Batch: 112958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-11	Trip Blank	Total/NA	Water	8260D	
MB 705-112958/3	Method Blank	Total/NA	Water	8260D	
LCS 705-112958/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112958/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 113019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	8260D	112729
752-41468-3	822-SED-3	Total/NA	Solid	8260D	112729
752-41468-4	822-SED-4	Total/NA	Solid	8260D	112729
752-41468-5	822-SED-5	Total/NA	Solid	8260D	112729
752-41468-7	822-SED-7	Total/NA	Solid	8260D	112729
752-41468-9	822-SED-9	Total/NA	Solid	8260D	112729
752-41468-10	822-SED-Dup	Total/NA	Solid	8260D	112729
MB 705-113019/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-113019/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-113019/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-113019/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-113019/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 113128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-2	822-SED-2	Total/NA	Solid	8260D	112729
752-41468-6	822-SED-6	Total/NA	Solid	8260D	112729
752-41468-8	822-SED-8	Total/NA	Solid	8260D	112729
MB 705-113128/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-113128/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-113128/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-113128/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-113128/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 737958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	3546	
752-41468-2	822-SED-2	Total/NA	Solid	3546	
752-41468-3	822-SED-3	Total/NA	Solid	3546	
752-41468-4	822-SED-4	Total/NA	Solid	3546	
752-41468-5	822-SED-5	Total/NA	Solid	3546	
752-41468-6	822-SED-6	Total/NA	Solid	3546	
752-41468-7	822-SED-7	Total/NA	Solid	3546	
752-41468-8	822-SED-8	Total/NA	Solid	3546	
752-41468-9	822-SED-9	Total/NA	Solid	3546	
752-41468-10	822-SED-Dup	Total/NA	Solid	3546	
MB 400-737958/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-737958/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-41468-1 MS	822-SED-1	Total/NA	Solid	3546	
752-41468-1 MSD	822-SED-1	Total/NA	Solid	3546	

Prep Batch: 737959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	3546	
752-41468-2	822-SED-2	Total/NA	Solid	3546	
752-41468-3	822-SED-3	Total/NA	Solid	3546	
752-41468-4	822-SED-4	Total/NA	Solid	3546	
752-41468-5	822-SED-5	Total/NA	Solid	3546	
752-41468-6	822-SED-6	Total/NA	Solid	3546	
752-41468-7	822-SED-7	Total/NA	Solid	3546	
752-41468-8	822-SED-8	Total/NA	Solid	3546	
752-41468-9	822-SED-9	Total/NA	Solid	3546	
752-41468-10	822-SED-Dup	Total/NA	Solid	3546	
MB 400-737959/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-737959/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-41468-1 MS	822-SED-1	Total/NA	Solid	3546	
752-41468-1 MSD	822-SED-1	Total/NA	Solid	3546	

Analysis Batch: 738020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	8270E	737958
752-41468-2	822-SED-2	Total/NA	Solid	8270E	737958
752-41468-3	822-SED-3	Total/NA	Solid	8270E	737958
752-41468-4	822-SED-4	Total/NA	Solid	8270E	737958
752-41468-5	822-SED-5	Total/NA	Solid	8270E	737958
752-41468-6	822-SED-6	Total/NA	Solid	8270E	737958
752-41468-7	822-SED-7	Total/NA	Solid	8270E	737958
LCS 400-737958/2-A	Lab Control Sample	Total/NA	Solid	8270E	737958
752-41468-1 MS	822-SED-1	Total/NA	Solid	8270E	737958
752-41468-1 MSD	822-SED-1	Total/NA	Solid	8270E	737958

Analysis Batch: 738078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	8270E SIM ID	737959
752-41468-2	822-SED-2	Total/NA	Solid	8270E SIM ID	737959
752-41468-3	822-SED-3	Total/NA	Solid	8270E SIM ID	737959
752-41468-4	822-SED-4	Total/NA	Solid	8270E SIM ID	737959

GC/MS Semi VOA (Continued)

Analysis Batch: 738078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-5	822-SED-5	Total/NA	Solid	8270E SIM ID	737959
752-41468-6	822-SED-6	Total/NA	Solid	8270E SIM ID	737959
752-41468-7	822-SED-7	Total/NA	Solid	8270E SIM ID	737959
752-41468-8	822-SED-8	Total/NA	Solid	8270E SIM ID	737959
752-41468-9	822-SED-9	Total/NA	Solid	8270E SIM ID	737959
752-41468-10	822-SED-Dup	Total/NA	Solid	8270E SIM ID	737959
MB 400-737959/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	737959
LCS 400-737959/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	737959
752-41468-1 MS	822-SED-1	Total/NA	Solid	8270E SIM ID	737959
752-41468-1 MSD	822-SED-1	Total/NA	Solid	8270E SIM ID	737959

Analysis Batch: 738165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-8	822-SED-8	Total/NA	Solid	8270E	737958
752-41468-9	822-SED-9	Total/NA	Solid	8270E	737958
752-41468-10	822-SED-Dup	Total/NA	Solid	8270E	737958

Analysis Batch: 738421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-737958/1-A	Method Blank	Total/NA	Solid	8270E	737958

Analysis Batch: 738559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-8	822-SED-8	Total/NA	Solid	8270E	737958
752-41468-9	822-SED-9	Total/NA	Solid	8270E	737958
752-41468-10	822-SED-Dup	Total/NA	Solid	8270E	737958

HPLC/IC

Leach Batch: 112562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Soluble	Solid	DI Leach	
752-41468-2	822-SED-2	Soluble	Solid	DI Leach	
752-41468-3	822-SED-3	Soluble	Solid	DI Leach	
752-41468-4	822-SED-4	Soluble	Solid	DI Leach	
752-41468-5	822-SED-5	Soluble	Solid	DI Leach	
752-41468-6	822-SED-6	Soluble	Solid	DI Leach	
752-41468-7	822-SED-7	Soluble	Solid	DI Leach	
752-41468-8	822-SED-8	Soluble	Solid	DI Leach	
752-41468-9	822-SED-9	Soluble	Solid	DI Leach	
752-41468-10	822-SED-Dup	Soluble	Solid	DI Leach	
MB 705-112562/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-112562/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41468-1 MS	822-SED-1	Soluble	Solid	DI Leach	
752-41468-1 MSD	822-SED-1	Soluble	Solid	DI Leach	

Analysis Batch: 112631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Soluble	Solid	9056A	112562
752-41468-2	822-SED-2	Soluble	Solid	9056A	112562
752-41468-3	822-SED-3	Soluble	Solid	9056A	112562

HPLC/IC (Continued)

Analysis Batch: 112631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-4	822-SED-4	Soluble	Solid	9056A	112562
752-41468-5	822-SED-5	Soluble	Solid	9056A	112562
752-41468-6	822-SED-6	Soluble	Solid	9056A	112562
752-41468-7	822-SED-7	Soluble	Solid	9056A	112562
752-41468-8	822-SED-8	Soluble	Solid	9056A	112562
752-41468-9	822-SED-9	Soluble	Solid	9056A	112562
752-41468-10	822-SED-Dup	Soluble	Solid	9056A	112562
MB 705-112562/1-A	Method Blank	Soluble	Solid	9056A	112562
LCS 705-112562/2-A	Lab Control Sample	Soluble	Solid	9056A	112562
752-41468-1 MS	822-SED-1	Soluble	Solid	9056A	112562
752-41468-1 MSD	822-SED-1	Soluble	Solid	9056A	112562

Leach Batch: 113574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Soluble	Solid	DI Leach	
752-41468-2	822-SED-2	Soluble	Solid	DI Leach	
752-41468-3	822-SED-3	Soluble	Solid	DI Leach	
752-41468-4	822-SED-4	Soluble	Solid	DI Leach	
752-41468-5	822-SED-5	Soluble	Solid	DI Leach	
752-41468-6	822-SED-6	Soluble	Solid	DI Leach	
752-41468-7	822-SED-7	Soluble	Solid	DI Leach	
752-41468-8	822-SED-8	Soluble	Solid	DI Leach	
752-41468-9	822-SED-9	Soluble	Solid	DI Leach	
752-41468-10	822-SED-Dup	Soluble	Solid	DI Leach	
MB 705-113574/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-113574/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41468-2 MS	822-SED-2	Soluble	Solid	DI Leach	
752-41468-2 MSD	822-SED-2	Soluble	Solid	DI Leach	

Analysis Batch: 113600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Soluble	Solid	9056A	113574
752-41468-2	822-SED-2	Soluble	Solid	9056A	113574
752-41468-3	822-SED-3	Soluble	Solid	9056A	113574
752-41468-4	822-SED-4	Soluble	Solid	9056A	113574
752-41468-5	822-SED-5	Soluble	Solid	9056A	113574
752-41468-6	822-SED-6	Soluble	Solid	9056A	113574
752-41468-7	822-SED-7	Soluble	Solid	9056A	113574
752-41468-8	822-SED-8	Soluble	Solid	9056A	113574
752-41468-9	822-SED-9	Soluble	Solid	9056A	113574
752-41468-10	822-SED-Dup	Soluble	Solid	9056A	113574
MB 705-113574/1-A	Method Blank	Soluble	Solid	9056A	113574
LCS 705-113574/2-A	Lab Control Sample	Soluble	Solid	9056A	113574
752-41468-2 MS	822-SED-2	Soluble	Solid	9056A	113574
752-41468-2 MSD	822-SED-2	Soluble	Solid	9056A	113574

Analysis Batch: 113601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-113574/1-A	Method Blank	Soluble	Solid	9056A	113574
LCS 705-113574/2-A	Lab Control Sample	Soluble	Solid	9056A	113574
752-41468-2 MS	822-SED-2	Soluble	Solid	9056A	113574

HPLC/IC (Continued)

Analysis Batch: 113601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-2 MSD	822-SED-2	Soluble	Solid	9056A	113574

Metals

Prep Batch: 111567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	3050B	
752-41468-2	822-SED-2	Total/NA	Solid	3050B	
752-41468-3	822-SED-3	Total/NA	Solid	3050B	
752-41468-4	822-SED-4	Total/NA	Solid	3050B	
752-41468-5	822-SED-5	Total/NA	Solid	3050B	
752-41468-6	822-SED-6	Total/NA	Solid	3050B	
752-41468-7	822-SED-7	Total/NA	Solid	3050B	
752-41468-8	822-SED-8	Total/NA	Solid	3050B	
752-41468-9	822-SED-9	Total/NA	Solid	3050B	
752-41468-10	822-SED-Dup	Total/NA	Solid	3050B	
MB 705-111567/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-111567/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-41468-7 MS	822-SED-7	Total/NA	Solid	3050B	
752-41468-7 MSD	822-SED-7	Total/NA	Solid	3050B	

Prep Batch: 111638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	7471B	
752-41468-2	822-SED-2	Total/NA	Solid	7471B	
752-41468-3	822-SED-3	Total/NA	Solid	7471B	
752-41468-4	822-SED-4	Total/NA	Solid	7471B	
752-41468-5	822-SED-5	Total/NA	Solid	7471B	
752-41468-6	822-SED-6	Total/NA	Solid	7471B	
752-41468-7	822-SED-7	Total/NA	Solid	7471B	
752-41468-8	822-SED-8	Total/NA	Solid	7471B	
752-41468-9	822-SED-9	Total/NA	Solid	7471B	
752-41468-10	822-SED-Dup	Total/NA	Solid	7471B	
MB 705-111638/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-111638/2-A	Lab Control Sample	Total/NA	Solid	7471B	
752-41468-1 MS	822-SED-1	Total/NA	Solid	7471B	
752-41468-1 MSD	822-SED-1	Total/NA	Solid	7471B	

Analysis Batch: 112274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	7471B	111638
752-41468-2	822-SED-2	Total/NA	Solid	7471B	111638
752-41468-3	822-SED-3	Total/NA	Solid	7471B	111638
752-41468-4	822-SED-4	Total/NA	Solid	7471B	111638
752-41468-5	822-SED-5	Total/NA	Solid	7471B	111638
752-41468-6	822-SED-6	Total/NA	Solid	7471B	111638
752-41468-7	822-SED-7	Total/NA	Solid	7471B	111638
752-41468-8	822-SED-8	Total/NA	Solid	7471B	111638
752-41468-9	822-SED-9	Total/NA	Solid	7471B	111638
752-41468-10	822-SED-Dup	Total/NA	Solid	7471B	111638
MB 705-111638/1-A	Method Blank	Total/NA	Solid	7471B	111638

Metals (Continued)

Analysis Batch: 112274 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-111638/2-A	Lab Control Sample	Total/NA	Solid	7471B	111638
752-41468-1 MS	822-SED-1	Total/NA	Solid	7471B	111638
752-41468-1 MSD	822-SED-1	Total/NA	Solid	7471B	111638

Analysis Batch: 112547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-7	822-SED-7	Total/NA	Solid	6020B	111567
MB 705-111567/1-A	Method Blank	Total/NA	Solid	6020B	111567
LCS 705-111567/2-A	Lab Control Sample	Total/NA	Solid	6020B	111567
752-41468-7 MS	822-SED-7	Total/NA	Solid	6020B	111567
752-41468-7 MSD	822-SED-7	Total/NA	Solid	6020B	111567

Analysis Batch: 112681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	6020B	111567
752-41468-2	822-SED-2	Total/NA	Solid	6020B	111567
752-41468-3	822-SED-3	Total/NA	Solid	6020B	111567
752-41468-4	822-SED-4	Total/NA	Solid	6020B	111567
752-41468-5	822-SED-5	Total/NA	Solid	6020B	111567
752-41468-6	822-SED-6	Total/NA	Solid	6020B	111567
752-41468-8	822-SED-8	Total/NA	Solid	6020B	111567
752-41468-9	822-SED-9	Total/NA	Solid	6020B	111567
752-41468-10	822-SED-Dup	Total/NA	Solid	6020B	111567
752-41468-10	822-SED-Dup	Total/NA	Solid	6020B	111567

Analysis Batch: 113153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	6020B	111567
752-41468-2	822-SED-2	Total/NA	Solid	6020B	111567
752-41468-3	822-SED-3	Total/NA	Solid	6020B	111567
752-41468-4	822-SED-4	Total/NA	Solid	6020B	111567
752-41468-5	822-SED-5	Total/NA	Solid	6020B	111567
752-41468-6	822-SED-6	Total/NA	Solid	6020B	111567
752-41468-8	822-SED-8	Total/NA	Solid	6020B	111567
752-41468-9	822-SED-9	Total/NA	Solid	6020B	111567
752-41468-10	822-SED-Dup	Total/NA	Solid	6020B	111567

General Chemistry

Prep Batch: 737999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	3060A	
752-41468-2	822-SED-2	Total/NA	Solid	3060A	
752-41468-3	822-SED-3	Total/NA	Solid	3060A	
752-41468-4	822-SED-4	Total/NA	Solid	3060A	
752-41468-5	822-SED-5	Total/NA	Solid	3060A	
752-41468-6	822-SED-6	Total/NA	Solid	3060A	
752-41468-7	822-SED-7	Total/NA	Solid	3060A	
752-41468-8	822-SED-8	Total/NA	Solid	3060A	
752-41468-9	822-SED-9	Total/NA	Solid	3060A	
752-41468-10	822-SED-Dup	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 737999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-737999/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-737999/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 738337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-10	822-SED-Dup	Total/NA	Solid	Moisture	
752-41468-10 DU	822-SED-Dup	Total/NA	Solid	Moisture	

Analysis Batch: 738352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	7199	737999
752-41468-2	822-SED-2	Total/NA	Solid	7199	737999
752-41468-3	822-SED-3	Total/NA	Solid	7199	737999
752-41468-4	822-SED-4	Total/NA	Solid	7199	737999
752-41468-5	822-SED-5	Total/NA	Solid	7199	737999
752-41468-6	822-SED-6	Total/NA	Solid	7199	737999
752-41468-7	822-SED-7	Total/NA	Solid	7199	737999
752-41468-8	822-SED-8	Total/NA	Solid	7199	737999
752-41468-9	822-SED-9	Total/NA	Solid	7199	737999
752-41468-10	822-SED-Dup	Total/NA	Solid	7199	737999
MB 400-737999/1-A	Method Blank	Total/NA	Solid	7199	737999
LCS 400-737999/2-A	Lab Control Sample	Total/NA	Solid	7199	737999

Analysis Batch: 738387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Total/NA	Solid	Moisture	
752-41468-2	822-SED-2	Total/NA	Solid	Moisture	
752-41468-3	822-SED-3	Total/NA	Solid	Moisture	
752-41468-4	822-SED-4	Total/NA	Solid	Moisture	
752-41468-5	822-SED-5	Total/NA	Solid	Moisture	
752-41468-6	822-SED-6	Total/NA	Solid	Moisture	
752-41468-7	822-SED-7	Total/NA	Solid	Moisture	
752-41468-8	822-SED-8	Total/NA	Solid	Moisture	
752-41468-9	822-SED-9	Total/NA	Solid	Moisture	

Leach Batch: 738458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Soluble	Solid	DI Leach	
752-41468-2	822-SED-2	Soluble	Solid	DI Leach	
752-41468-3	822-SED-3	Soluble	Solid	DI Leach	
752-41468-4	822-SED-4	Soluble	Solid	DI Leach	
752-41468-5	822-SED-5	Soluble	Solid	DI Leach	
752-41468-6	822-SED-6	Soluble	Solid	DI Leach	
752-41468-7	822-SED-7	Soluble	Solid	DI Leach	
752-41468-8	822-SED-8	Soluble	Solid	DI Leach	
752-41468-9	822-SED-9	Soluble	Solid	DI Leach	
MB 400-738458/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-738458/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

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

Job ID: 752-41468-1

General Chemistry

Analysis Batch: 738628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-1	822-SED-1	Soluble	Solid	350.1	738458
752-41468-2	822-SED-2	Soluble	Solid	350.1	738458
752-41468-3	822-SED-3	Soluble	Solid	350.1	738458
752-41468-4	822-SED-4	Soluble	Solid	350.1	738458
752-41468-5	822-SED-5	Soluble	Solid	350.1	738458
752-41468-6	822-SED-6	Soluble	Solid	350.1	738458
752-41468-7	822-SED-7	Soluble	Solid	350.1	738458
752-41468-8	822-SED-8	Soluble	Solid	350.1	738458
752-41468-9	822-SED-9	Soluble	Solid	350.1	738458
MB 400-738458/1-A	Method Blank	Soluble	Solid	350.1	738458
LCS 400-738458/2-A	Lab Control Sample	Soluble	Solid	350.1	738458
MRL 400-738628/19	Lab Control Sample	Total/NA	Solid	350.1	

Leach Batch: 738980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-10	822-SED-Dup	Soluble	Solid	DI Leach	
MB 400-738980/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-738980/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 739071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41468-10	822-SED-Dup	Soluble	Solid	350.1	738980
MB 400-738980/1-A	Method Blank	Soluble	Solid	350.1	738980
LCS 400-738980/2-A	Lab Control Sample	Soluble	Solid	350.1	738980
MRL 400-739071/19	Lab Control Sample	Total/NA	Solid	350.1	

Lab Chronicle

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-1

Lab Sample ID: 752-41468-1

Date Collected: 01/29/26 15:00

Matrix: Solid

Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-1

Lab Sample ID: 752-41468-1

Date Collected: 01/29/26 15:00

Matrix: Solid

Date Received: 01/29/26 16:15

Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/09/26 22:25
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 01:07
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 19:07
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 18:10
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 18:09
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:20
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:02
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:12
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:27
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 20:14

Client Sample ID: 822-SED-2

Lab Sample ID: 752-41468-2

Date Collected: 01/29/26 14:15

Matrix: Solid

Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-2

Lab Sample ID: 752-41468-2

Date Collected: 01/29/26 14:15

Matrix: Solid

Date Received: 01/29/26 16:15

Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113128	RC	EET ATL	02/10/26 14:49
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 01:37

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41468-1
Project/Site: Lyon Park

Client Sample ID: 822-SED-2
Lab Sample ID: 752-41468-2

Date Collected: 01/29/26 14:15
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 19:28
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 15:42
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 18:44
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:23
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:04
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:22
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:29
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 20:27

Client Sample ID: 822-SED-3
Lab Sample ID: 752-41468-3

Date Collected: 01/29/26 13:30
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-3
Lab Sample ID: 752-41468-3

Date Collected: 01/29/26 13:30
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/09/26 23:12
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 02:06
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 19:49
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 18:21
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 18:55
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:25
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:33
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:25

Lab Chronicle

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-3

Lab Sample ID: 752-41468-3

Date Collected: 01/29/26 13:30
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:31
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 20:40

Client Sample ID: 822-SED-4

Lab Sample ID: 752-41468-4

Date Collected: 01/29/26 12:45
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-4

Lab Sample ID: 752-41468-4

Date Collected: 01/29/26 12:45
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/09/26 23:36
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 02:36
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 20:10
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 18:33
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 19:07
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:28
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:36
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:29
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:34
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 20:52

Client Sample ID: 822-SED-5

Lab Sample ID: 752-41468-5

Date Collected: 01/29/26 12:00
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-5

Lab Sample ID: 752-41468-5

Date Collected: 01/29/26 12:00
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 68.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 00:00
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 03:06
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 20:32
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 18:44
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 19:18
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:31
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:38
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:32
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:37
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 21:05

Client Sample ID: 822-SED-6

Lab Sample ID: 752-41468-6

Date Collected: 01/29/26 11:15
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-6

Lab Sample ID: 752-41468-6

Date Collected: 01/29/26 11:15
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113128	RC	EET ATL	02/10/26 15:13
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 03:36
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 20:53
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 18:55
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 19:30
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:55

Lab Chronicle

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

Job ID: 752-41468-1

Client Sample ID: 822-SED-6

Lab Sample ID: 752-41468-6

Date Collected: 01/29/26 11:15
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:41
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:35
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:39
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 21:17

Client Sample ID: 822-SED-7

Lab Sample ID: 752-41468-7

Date Collected: 01/29/26 10:30
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-7

Lab Sample ID: 752-41468-7

Date Collected: 01/29/26 10:30
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 12:25
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 00:48
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738020	S1B	EET PEN	02/03/26 04:06
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 21:14
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 19:07
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 20:16
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112547	TT	EET ATL	02/06/26 00:25
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:45
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:42
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 21:30

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41468-1
Project/Site: Lyon Park

Client Sample ID: 822-SED-8
Lab Sample ID: 752-41468-8
Date Collected: 01/29/26 09:45
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-8
Lab Sample ID: 752-41468-8
Date Collected: 01/29/26 09:45
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 13:12
Total/NA	Analysis	8260D		1	113128	RC	EET ATL	02/10/26 15:36
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738559	S1B	EET PEN	02/06/26 14:22
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738165	KJA	EET PEN	02/03/26 21:23
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 21:35
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 19:18
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 20:28
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 21:58
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:55
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:49
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:45
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 22:08

Client Sample ID: 822-SED-9
Lab Sample ID: 752-41468-9
Date Collected: 01/29/26 09:00
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738387	TMP	EET PEN	02/04/26 09:34

Client Sample ID: 822-SED-9
Lab Sample ID: 752-41468-9
Date Collected: 01/29/26 09:00
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 70.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 13:12
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 01:35

Client Sample ID: 822-SED-9

Lab Sample ID: 752-41468-9

Date Collected: 01/29/26 09:00
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 70.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738559	S1B	EET PEN	02/06/26 14:53
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738165	KJA	EET PEN	02/03/26 21:54
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		5	738078	VC1	EET PEN	02/02/26 21:56
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 19:29
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 20:39
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 22:01
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 17:57
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:52
Soluble	Leach	DI Leach			738458	CAC	EET PEN	02/05/26 10:43
Soluble	Analysis	350.1		1	738628	CAC	EET PEN	02/06/26 12:47
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:29
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 22:21

Client Sample ID: 822-SED-Dup

Lab Sample ID: 752-41468-10

Date Collected: 01/29/26 11:15
Matrix: Solid
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738337	TMP	EET PEN	02/04/26 09:48

Client Sample ID: 822-SED-Dup

Lab Sample ID: 752-41468-10

Date Collected: 01/29/26 11:15
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			112729	RC	EET ATL	02/08/26 13:12
Total/NA	Analysis	8260D		1	113019	Y1S	EET ATL	02/10/26 01:59
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738559	S1B	EET PEN	02/06/26 15:24
Total/NA	Prep	3546			737958	MH	EET PEN	01/31/26 13:36
Total/NA	Analysis	8270E		1	738165	KJA	EET PEN	02/03/26 22:24
Total/NA	Prep	3546			737959	MH	EET PEN	01/31/26 13:43
Total/NA	Analysis	8270E SIM ID		10	738078	VC1	EET PEN	02/02/26 22:17
Soluble	Leach	DI Leach			113574	JO	EET ATL	02/11/26 14:00
Soluble	Analysis	9056A		1	113600	JO	EET ATL	02/11/26 19:41
Soluble	Leach	DI Leach			112562	MS	EET ATL	02/06/26 13:47
Soluble	Analysis	9056A		1	112631	JO	EET ATL 2	02/06/26 20:51

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41468-1
Project/Site: Lyon Park

Client Sample ID: 822-SED-Dup
Lab Sample ID: 752-41468-10

Date Collected: 01/29/26 11:15
Matrix: Solid
Date Received: 01/29/26 16:15
Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	112681	TT	EET ATL	02/06/26 22:04
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		10	112681	TT	EET ATL	02/06/26 22:10
Total/NA	Prep	3050B			111567	SA	EET ATL	02/03/26 09:00
Total/NA	Analysis	6020B		5	113153	TT	EET ATL	02/07/26 18:00
Total/NA	Prep	7471B			111638	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112274	GR	EET ATL	02/05/26 10:55
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 14:56
Total/NA	Prep	3060A			737999	AC	EET PEN	02/02/26 09:30
Total/NA	Analysis	7199		1	738352	AR	EET PEN	02/04/26 22:33

Client Sample ID: Trip Blank
Lab Sample ID: 752-41468-11

Date Collected: 01/29/26 09:00
Matrix: Water
Date Received: 01/29/26 16:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112647	Y1S	EET ATL	02/07/26 04:01
Total/NA	Analysis	8260D		1	112958	Y1S	EET ATL 1	02/09/26 20:23

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 PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41468-1
Project/Site: Lyon Park

Laboratory: Eurofins Atlanta

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	562	12-31-26

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	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5030B	Solid	Ethyl acetate
8260D	5030B	Solid	Hexane
8260D	5030B	Solid	Isopropyl ether
8260D	5030B	Solid	n-Heptane

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	12-31-26

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)
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: 752-41468-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
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 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
5030B	Purge and Trap	SW846	EET ATL
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 ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, 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: 752-41468-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41468-1	822-SED-1	Solid	01/29/26 15:00	01/29/26 16:15	North Carolina
752-41468-2	822-SED-2	Solid	01/29/26 14:15	01/29/26 16:15	North Carolina
752-41468-3	822-SED-3	Solid	01/29/26 13:30	01/29/26 16:15	North Carolina
752-41468-4	822-SED-4	Solid	01/29/26 12:45	01/29/26 16:15	North Carolina
752-41468-5	822-SED-5	Solid	01/29/26 12:00	01/29/26 16:15	North Carolina
752-41468-6	822-SED-6	Solid	01/29/26 11:15	01/29/26 16:15	North Carolina
752-41468-7	822-SED-7	Solid	01/29/26 10:30	01/29/26 16:15	North Carolina
752-41468-8	822-SED-8	Solid	01/29/26 09:45	01/29/26 16:15	North Carolina
752-41468-9	822-SED-9	Solid	01/29/26 09:00	01/29/26 16:15	North Carolina
752-41468-10	822-SED-Dup	Solid	01/29/26 11:15	01/29/26 16:15	North Carolina
752-41468-11	Trip Blank	Water	01/29/26 09:00	01/29/26 16:15	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: Brandon Governo	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170214-59872.1
Client Contact: Jerry Paul	Phone: 828-713-8390	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	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			
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
PL - MeOH/NaHS04
A - HCL

752-41468 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (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		
822 - SED - 1	1-29-26	1500	G	S	N	N	X	X	X	X	X	X	X	9	
822 - SED - 2		1415													
822 - SED - 3		1330													
822 - SED - 4		1245													
822 - SED - 5		1200													
822 - SED - 6		1115													
822 - SED - 7		1030													
822 - SED - 8		0945													
822 - SED - 9		0900													
822 - SED - DUP	↓	1115	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
Trip Blanks														2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ 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: 1-29-26 1615	Company S&ME	Received by:	Date/Time: 01.29.26 1615	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.:

Temperature(s) °C and Other Remarks: 3.5/3.2 DO

Initial Temperature: 4.0 °C
Correction Factor: -0.3°C
Corrected Temperature: 3.7 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Ver: 05/06/2024

2/12/2026

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: 752-7848 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 #: 752-41468-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/3/2026	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)	8270E_QQQ/3546SVOC TCL OLM4.2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
822-SED-1 (752-41468-1)	1/29/26	15 00 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-2 (752-41468-2)	1/29/26	14.15 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-3 (752-41468-3)	1/29/26	13 30 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-4 (752-41468-4)	1/29/26	12 45 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-5 (752-41468-5)	1/29/26	12.00 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-6 (752-41468-6)	1/29/26	11 15 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-7 (752-41468-7)	1/29/26	10 30 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-8 (752-41468-8)	1/29/26	09 45 Eastern	G	Solid			X	X	X	X	X	05	
822-SED-9 (752-41468-9)	1/29/26	09 00 Eastern	G	Solid			X	X	X	X	X	05	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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: Rachel Yonish	Date/Time: 1/30/26 1245	Company	Received by:	Date/Time: 01/31/26/1009	Company 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: 2.0°c/IR10

Ver 10/10/2024

2/12/2026

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: 752-7848.2
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 #: 752-41468-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/3/2026			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)	8270E_QQQ/3546SVOC TCL OLM4 2	8270E_SIM_ID_DS/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
822-SED-Dup (752-41468-10)	1/29/26	11 15 Eastern	G	Solid			X	X	X	X	X	3	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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: Rachel Yonish	Date/Time: 1/30/26 1245	Company	Received by:	Date/Time: 01/31/26/1009	Company: Eurofins
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: 2.0°c/IR10

Ver: 10/10/2024

2/12/2026

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: 752-7847 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 #: 752-41468-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/9/2026			
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_LL/3050BPRLF 16 Metals, including prep	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	7471B/7471B_PrepMercury	8260D/5035FP_CalcVOC NC 02L List	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
822-SED-1 (752-41468-1)	1/29/26	15 00 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-2 (752-41468-2)	1/29/26	14 15 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-3 (752-41468-3)	1/29/26	13 30 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-4 (752-41468-4)	1/29/26	12.45 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-5 (752-41468-5)	1/29/26	12 00 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-6 (752-41468-6)	1/29/26	11 15 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-7 (752-41468-7)	1/29/26	10 30 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-8 (752-41468-8)	1/29/26	09 45 Eastern	G	Solid			X	X	X	X	X		6	
822-SED-9 (752-41468-9)	1/29/26	09 00 Eastern	G	Solid			X	X	X	X	X		6	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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	1/30/26 1245			2/2/26 9:56	
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:
		2.7°, 0.3° #2927

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: 752-7847 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 #: 752-41468-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/9/2026			
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_LL/3050BPRLF 16 Metals, including prep	9056A_ORGFM_28D/DI_LEACHSulfate	9056A_ORGFM_48H/DI_LEACHNitrate	7471B/7471B_PrepMercury	8260D/5035FP_CalcVOC NC 02L List	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
822-SED-Dup (752-41468-10)	1/29/26	11 15 Eastern	G	Solid			X	X	X	X	X		6	
Trip Blank (752-41468-11)	1/29/26	09 00 Eastern	G	Water								X	2	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater 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: Rachel Yonish	Date/Time: 1/30/26 1245	Company	Received by:	Date/Time: 2/2/26 9:56	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: 2.7°, 0.3° #2927

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41468-1

Login Number: 41468

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: 752-41468-1

Login Number: 41468
List Number: 3
Creator: Sims, Christion

List Source: Eurofins Atlanta
List Creation: 02/02/26 12:27 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: 752-41468-1

Login Number: 41468
List Number: 2
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 01/31/26 11:29 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	2.5°C, 2.1°C, 2.0°C, 3.8°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	

Appendix IV – Historical Laboratory Data Tables (Groundwater, Soil Gas, Surface Water and Sediment)

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

Analytical Method	Analyte	CAS Number	Sample ID	LFGP-1				LFGP-2				LFGP-3			
			Date Collected	9/3/2025	11/11/2025	12/19/2025	1/20/2026	9/3/2025	11/12/2025	12/19/2025	1/20/2026	9/3/2025	11/12/2025	12/19/2025	1/20/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	Acetone	67-64-1		26	ND	ND	ND	24	ND	11 J	7.0 J	56	ND	10 J	7.4 J
	Benzene	71-43-2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Disulfide	75-15-0		ND	ND	ND	ND	ND	ND	ND	3.2 J	ND	ND	ND	3.7 J
	Chloroform	67-66-3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	1.3 J
	Cyclohexane	110-82-7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	541-73-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	123-91-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	64-17-5		ND	ND	ND	ND	ND	ND	ND	13 J	ND	ND	ND	ND
	Trichlorofluoromethane (Freon 11)	75-69-4		ND	ND	ND	ND	ND	ND	ND	2.6 J	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon 12)	75-71-8		ND	ND	2.0 J	1.8 J	ND	ND	2.1 J	1.8 J	ND	ND	2.0 J	2.2 J
	Hexane	110-54-3		ND	ND	ND	ND	ND	ND	ND	0.87 J	ND	ND	ND	ND
	4-Methyl-2-pentanone (MIBK)	108-10-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene Chloride	75-09-2		ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.9 J	ND
	m,p-Xylene	108-38-3; 106-42-3		11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	95-47-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Propanol	67-63-0		12	ND	2.9 J	3.2 J	12	9.4	2.5 J	7.7	21	ND	2.8 J	3.3 J
	2-Butanone (MEK)	78-93-3		ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND
	Tetrachloroethene (PCE)	127-18-4		21	19	13	11	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	108-88-3		ND	ND	ND	3.2 J	ND	ND	ND	8.8	ND	ND	ND	3.4 J
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2,4-Trimethylpentane	540-84-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ASTM D5504 (µg/m³)	Hydrogen Sulfide	7783-06-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NIOSH 6009 (µg/m³)	Mercury	7439-97-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Method Modified ASTM D-1946 (%)	Methane	74-82-8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NCDEQ Risk Calculator Values	Vapor Intrusion Residential Worker Soil Gas To Indoor Air – Cumulative Carcinogenic Risk			6.1E-08	5.3E-08	2.2E-07	3.3E-08	0.0E+00	0.0E+00	0.00E+00	5.3E-10	0.0E+00	0.0E+00	4.2E-07	3.2E-07
	Vapor Intrusion Residential Worker Soil Gas To Indoor Air – Non-Carcinogenic Hazard Quotient			2.10E-02	1.4E-02	1.4E-02	9.7E-03	1.7E-03	1.4E-03	9.6E-04	1.9E-03	3.30E-03	0.0E+00	2.6E-02	2.0E-02
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air – Cumulative Carcinogenic Risk			4.7E-09	4.0E-09	1.6E-08	2.5E-09	0.0E+00	0.0E+00	0.0E+00	1.5E-11	0.0E+00	0.0E+00	3.2E-08	2.4E-08
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air – Non-Carcinogenic Hazard Quotient			1.7E-03	1.1E-03	1.1E-03	7.7E-04	1.4E-04	1.1E-04	7.6E-05	1.5E-04	2.4E-04	0.0E+00	2.1E-03	1.6E-03

Analytical Method	Analyte	LFGP-4				LFGP-5				LFGP-6				LFGP-7			
		9/3/2025	11/12/2025	12/19/2025	1/20/2026	9/3/2025	11/12/2025	12/19/2025	1/20/2026	9/4/2025	11/11/2025	12/22/2025	1/20/2026	9/4/2025	11/11/2025	12/22/2025	1/20/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	Acetone	35	ND	11 J	8.2 J	43	ND	6.8 J	6.3 J	ND	ND	6.6 J	7.0 J	33	ND	8.6 J	11 J
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	31	9.4	3.4	2.0 J	9.3	3.1	1.3 J	ND
	Carbon Disulfide	ND	ND	ND	8.7 J	ND	ND	ND	ND	11	ND	ND	ND	71	35	ND	ND
	Chloroform	ND	ND	ND	ND	10	4.6	2.1 J	2.6 J	ND	ND	ND	ND	ND	ND	ND	ND
	Cyclohexane	ND	ND	ND	ND	15	8.2	4	2.7	16	5.9	2.9	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	ND	ND	ND	ND	ND	ND	7.5 J,^	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane (Freon 11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon 12)	ND	ND	2.2 J	1.8 J	ND	ND	2.4 J	1.9 J	18	19	38	39	ND	ND	ND	2.5 J
	Hexane	ND	ND	ND	ND	ND	ND	ND	ND	8.4	ND	ND	ND	4.4	ND	ND	ND
	4-Methyl-2-pentanone (MIBK)	ND	ND	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Propanol	14	ND	2.9 J	3.3 J	ND	ND	ND	ND	ND	ND	2.0 J	ND	17	ND	5.4 J	3.7 J
	2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	68	63	60
	Toluene	ND	ND	ND	4.7 J	ND	ND	ND	2.8 J	ND	ND	ND	8.4	ND	ND	ND	ND
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	ND	4.1	ND	1.2 J	ND	19	ND	1.3 J	ND
ASTM D5504 (µg/m³)	Hydrogen Sulfide	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	890	ND	ND	ND
NIOSH 6009 (µg/m³)	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Method Modified ASTM D-1946 (%)	Methane	ND	ND	0.00018	ND	ND	ND	ND	ND	0.45	0.40000	0.20000	0.23000	0.5	0.15000	0.12000	0.05400
NCDEQ Risk Calculator Values	Vapor Intrusion Residential Worker Soil Gas To Indoor Air – Cumulative Carcinogenic Risk	0.0E+00	0.0E+00	0.00E+00	0.00E+00	2.5E-06	1.1E-06	5.2E-07	6.4E-07	2.6E-06	7.8E-07	2.8E-07	1.7E-07	7.8E-07	2.6E-07	1.1E-07	0.0E+00
	Vapor Intrusion Residential Worker Soil Gas To Indoor Air – Non-Carcinogenic Hazard Quotient	4.0E-03	0.0E+00	6.30E-04	3.1E-03	5.2E-01	6.8E-02	3.2E-02	3.9E-02	5.2E-01	1.5E-02	1.5E-02	1.3E-02	1.3E+01	4.4E-03	2.0E-03	1.3E-03
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air – Cumulative Carcinogenic Risk	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-07	8.6E-08	3.9E-08	4.9E-08	2.0E-07	6.0E-08	2.2E-08	1.3E-08	6.0E-08	2.0E-08	8.3E-09	0.0E+00
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air – Non-Carcinogenic Hazard Quotient	3.2E-04	0.0E+00	5.00E-05	2.5E-04	1.2E-02	5.4E-03	2.5E-03	3.1E-03	4.2E-02	1.2E-03	1.2E-03	1.0E-03	1.0E+00	3.5E-04	1.6E-04	1.0E-04

Analytical Method	Analyte	LFGP-8				LFGP-9				LFGP-10			
		9/4/2025	11/11/2025	12/22/2025	1/20/2026	9/4/2025	11/11/2025	12/22/2025	1/20/2026	9/3/2025	11/11/2025	12/22/2025	1/20/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	Acetone	32	22	7.9 J	14 J	ND	ND	ND	15 J	120	ND	23	31
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Disulfide	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND
	Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	ND	ND	ND	4.4 J	ND	ND	ND	5.8 J	ND	ND	5.3 J,^-	ND
	Trichlorofluoromethane (Freon 11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon 12)	ND	ND	2.2 J	2.4 J	ND	ND	2.0 J	2.3 J	ND	ND	1.6 J	ND
	Hexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0 J	ND
	m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Propanol	29	ND	7.1 J	9.8	22	ND	6.6 J	ND	42	16	5.5 J	8.3 J
	2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	68	68	63	60	ND	ND	ND	ND	ND	ND	2.4 J	2.1 J
	Toluene	ND	ND	ND	4.6 J	ND	ND	ND	8.3	ND	ND	ND	3.3 J
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.6	17	23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ASTM D5504 (µg/m³)	Hydrogen Sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NIOSH 6009 (µg/m³)	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Method Modified ASTM D-1946 (%)	Methane	ND	ND	ND	ND	ND	ND	ND	0.00020	0.0022	0.00093	0.00026	0.00028
NCDEQ Risk Calculator Values	Vapor Intrusion Residential Worker Soil Gas To Indoor Air – Cumulative Carcinogenic Risk	1.9E-07	1.9E-07	1.8E-07	1.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-08	7.3E-09	5.8E-09
	Vapor Intrusion Residential Worker Soil Gas To Indoor Air – Non-Carcinogenic Hazard Quotient	5.3E-02	4.9E-02	4.7E-02	4.5E-02	3.2E-03	9.8E-05	1.7E-03	7.7E-04	6.0E-03	5.9E-03	3.1E-03	2.7E-03
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air – Cumulative Carcinogenic Risk	1.4E-08	1.4E-08	1.3E-08	1.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-09	5.3E-10	4.5E-10
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air – Non-Carcinogenic Hazard Quotient	4.2E-03	3.9E-03	3.7E-03	3.6E-03	2.5E-04	7.8E-06	1.3E-04	6.1E-05	4.8E-04	4.7E-04	2.4E-04	2.1E-04

Notes:
µg/m³: micrograms per cubic meter.
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.
NCDEQ Risk Calculator Values shown in red exceed risk.
ND: Not Detected
J: Estimated value.

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

Analytical Method		Method 8270E - SVOCs (µg/L)	Method 8260D - VOCs (µg/L)		Method 6020B - Metals (µg/L)												Method 350.1 (µg/L)	Method SM Nitrate by Calc.	Method 9056A (µg/L)	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		84-74-2	67-64-1	108-88-3	7440-36-0	7440-38-2	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-28-0	7440-62-2	7440-66-6	7664-41-7	14797-55-8	14808-79-8		
Analyte																					
Sample ID	Date Collected	Di-n-butyl phthalate	Acetone	Toluene	Antimony	Arsenic	Barium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Thallium	Vanadium	Zinc	Ammonia as (N)	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
SW-1	5/30/2025	ND	ND	ND	**0.470 J**	**0.980 J**	**44.5**	ND	**0.345 J**	**9.39**	**5.44**	**47.4**	**1.82 J**	ND	**2.42 J**	**23.2**	**60**	**247**	**9,700**	8.6E-07	5.2E-02
	11/6/2025	ND	ND	ND	ND	**0.541 J**	**50.4**	**0.481 J**	**0.115 J**	**2.82**	**0.509 J**	**49.8**	**1.18 J**	ND	**0.632 J**	**7.37**	ND	ND	**19,400 F1**	4.7E-07	3.2E-02
	12/11/2025	ND	ND	ND	ND	ND	**59.5**	ND	ND	**2.18**	ND	**47.8**	**0.934**	ND	**1.34 J**	ND	ND	**25.3 J**	**14,200**	0.0E+00	2.4E-02
	1/29/2026	**8.28 J**	ND	ND	ND	ND	**61.9**	ND	ND	**2.71**	ND	**38.9**	**0.630 J**	ND	ND	**10.3**	ND	**196**	**25,900**	0.0E+00	2.1E-02
SW-2	5/30/2025	ND	ND	ND	**0.455 J**	**0.910 J**	**55.2**	ND	ND	**6.20**	**1.32 J**	**26.9**	**1.70 J**	ND	**1.02 J**	**9.51 J**	ND	**291**	**15,000**	8.0E-07	3.5E-02
	11/6/2025	ND	ND	ND	ND	**0.523 J**	**49.3**	**0.478 J**	**0.121 J**	**3.37**	**0.729 J**	**41.9**	**1.27 J**	ND	**0.588 J**	**8.22**	ND	**164**	**19,500**	4.6E-07	2.9E-02
	12/11/2025	ND	ND	ND	ND	ND	**64.0**	ND	ND	**2.56**	ND	**107**	**0.873 J**	ND	**1.59 J**	ND	ND	ND	**23,300 F1 F2**	0.0E+00	4.7E-02
	1/29/2026	ND	ND	ND	ND	ND	**64.9**	ND	ND	**4.91**	**4.91**	**37.1**	**1.28 J**	ND	ND	**18.1**	ND	**177**	**26,400**	0.0E+00	1.8E-02
SW-3	5/30/2025	ND	ND	ND	**0.465 J**	ND	**55.5**	ND	ND	**6.75**	**1.22 J**	**16.8**	**1.65 J**	ND	**0.860 J**	**8.11 J**	ND	**359**	**18,000**	0.0E+00	1.9E-02
	11/6/2025	ND	ND	ND	ND	**0.6 J**	**48.8**	**0.432 J**	**0.196 J**	**3.99**	**1.00 J**	**54.0**	**1.26 J**	ND	**0.637 J**	**11.5**	ND	**60 J**	**19,800**	5.3E-07	3.6E-02
	12/11/2025	ND	ND	ND	ND	ND	**58.6**	ND	ND	**3.52**	**1.97**	**66.4**	**0.927 J**	ND	**1.66 J**	**10.8**	ND	ND	**24,400**	0.0E+00	3.2E-02
	1/29/2026	ND	ND	ND	ND	ND	**57.0**	ND	ND	**2.67**	ND	**12.2**	**0.738 J**	ND	ND	**9.04 J**	ND	**177**	**22,900**	0.0E+00	7.7E-03
SW-4	5/30/2025	ND	ND	ND	**0.545 J**	ND	**55.0**	ND	ND	**7.81**	**1.21 J**	**29.0**	**1.81 J**	ND	**1.08 J**	**8.72 J**	ND	**360**	**16,700**	0.0E+00	2.5E-02
	11/6/2025	ND	ND	ND	ND	**0.622 J**	**49.1**	**0.614 J**	**0.199 J**	**3.44**	**0.503 J**	**74.6**	**1.27 J**	ND	**0.631 J**	**7.94**	ND	ND	**18,100**	5.7E-07	4.7E-02
	12/11/2025	ND	ND	**0.656 J**	ND	ND	**56.0**	ND	ND	**3.51**	ND	**47.2**	**1.13 J**	ND	**1.57 J**	ND	**21.0 J**	ND	**24,200**	0.0E+00	2.4E-02
	1/29/2026	ND	ND	ND	ND	ND	**59.2**	ND	ND	**5.24**	**3.16**	**40.7**	**1.80 J**	ND	ND	**16.1**	ND	**120**	**25,000**	0.0E+00	1.9E-02
SW-5	5/30/2025	ND	ND	ND	**0.495 J**	ND	**50.6**	ND	ND	**6.87**	**2.89**	**31.3**	**2.01 J**	ND	**0.865 J**	**8.98 J**	ND	**358**	**15,600**	0.0E+00	2.5E-02
	11/5/2025	ND	ND	ND	ND	**0.668 J**	**50.9**	**0.787 J**	**0.259 J**	**4.76**	**1.56 J**	**65.8**	**1.67 J**	ND	**0.876 J**	**10.2**	ND	**30 J**	**14,900**	6.0E-07	4.3E-02
	12/11/2025	ND	ND	ND	ND	ND	**58.1**	ND	ND	**3.83**	**2.32**	**89.6**	**1.37 J**	ND	**1.53**	ND	ND	ND	**23,700**	0.0E+00	4.1E-02
	1/29/2026	ND	ND	ND	ND	ND	**52.1**	ND	ND	**3.60**	ND	**48.5**	**0.923 J**	**1.0**	ND	**10.5**	ND	**125**	**25,500**	0.0E+00	4.4E-01
SW-6	5/30/2025	ND	ND	ND	**0.400 J**	**0.915 J**	**51.0**	ND	ND	**7.20**	**1.37 J**	**37.9**	**1.86 J**	ND	**1.04 J**	**8.62 J**	ND	**254**	**14,600**	8.0E-07	3.9E-02
	11/5/2025	ND	ND	ND	ND	**0.665 J**	**51.2**	**0.573 J**	**0.25 J**	**3.63**	**1.03 J**	**105**	**2.3 J**	ND	**0.779 J**	**7.54**	ND	**25 J**	**14,500**	5.8E-07	5.7E-02
	12/11/2025	ND	ND	ND	ND	ND	**58.6**	ND	ND	**3.16**	ND	**74.6**	**1.18 J**	ND	ND	ND	**21.0 J**	ND	**23,500**	0.0E+00	3.1E-02
	1/29/2026	ND	ND	ND	ND	ND	**70.3**	ND	**0.421 J**	**5.10**	**4.95**	**114**	**1.65 J**	ND	**1.28 J**	**22.4**	ND	**121**	**21,300**	0.0E+00	5.6E-02
SW-7	5/30/2025	ND	ND	ND	**0.450 J**	ND	**50.7**	ND	**0.250 J**	**7.53**	**2.56**	**47.8**	**1.83 J**	ND	**1.25 J**	**10.6 J**	ND	**244**	**13,500**	0.0E+00	3.4E-02
	11/5/2025	ND	ND	ND	ND	**0.742 J**	**48.6**	**0.572 J**	**0.19 J**	**2.89**	**1.02 J**	**56.3**	**1.4 J**	ND	**0.72 J**	**6.62**	ND	**12 J**	**13,900**	6.5E-07	3.9E-02
	12/10/2025	ND	ND	ND	ND	ND	**59.7**	ND	ND	**2.48**	ND	**74.8**	**1.10 J**	ND	ND	ND	**423**	ND	**20,000**	0.0E+00	3.1E-02
	1/29/2026	ND	ND	ND	ND	ND	**63.3**	ND	ND	**2.97**	ND	**83.9**	**1.03 J**	ND	ND	**10.5**	ND	**114**	**24,800**	0.0E+00	3.5E-02
SW-8	5/30/2025	ND	ND	ND	**0.340 J**	ND	**51.9**	ND	**0.250 J**	**6.95**	**1.72 J**	**54.9**	**1.99 J**	ND	**1.21 J**	**11.1 J**	ND	**247**	**12,200**	0.0E+00	3.6E-02
	11/5/2025	ND	ND	ND	ND	**0.742 J**	**48.3**	**0.594 J**	**0.152 J**	**2.57**	**0.676 J**	**59.3**	**1.31 J**	ND	**0.719 J**	**7.5**	ND	**96 J**	**15,600**	6.5E-07	3.9E-02
	12/10/2025	ND	ND	ND	ND	ND	**57.9**	ND	ND	**2.38**	ND	**65.2**	**1.04 J**	ND	ND	ND	**213**	ND	**19,800**	0.0E+00	2.7E-02
	1/29/2026	ND	ND	ND	ND	ND	**69.1**	ND	ND	**2.40**	ND	**92.9**	ND	ND	ND	**14.1**	ND	**234**	**25,000**	0.0E+00	3.9E-02
SW-9	5/30/2025	ND	ND	ND	**0.340 J**	ND	**50.0**	ND	**0.260 J**	**7.11**	**1.71 J**	**41.8**	**1.94 J**	ND	**1.47 J**	**10.6 J**	ND	**308 H**	**11,800**	0.0E+00	3.1E-02
	11/5/2025	ND	ND	ND	ND	**0.672 J**	**46.8**	**0.599 J**	**0.116 J**	**2.70**	**0.640 J**	**24.3**	**1.31 J**	ND	**0.679 J**	**5.89**	ND	**83 J**	**14,600**	5.9E-07	2.4E-02
	12/10/2025	ND	**4.16 J**	ND	ND	ND	**61.9**	ND	ND	**2.03**	ND	**65.2**	**1.15 J**	ND	ND	ND	**193**	ND	**18,800**	0.0E+00	2.8E-02
	1/29/2026	ND	ND	ND	ND	ND	**77.4**	ND	**0.424 J**	**3.57**	**2.93**	**121**	**1.64 J**	ND	ND	**18.8**	ND	**196**	**24,100 F1 F2**	0.0E+00	5.6E-02
15A NCAC 2B Surface Water Standards		NE	NE	11	NE	10,000	1,000	0.25	NE	2.7	0.54	NE	16	NE	NE	36	NE	10,000	250,000		

Notes:
µg/L: Micrograms per liter.
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.
Compound not detected above the MDL and the MDL is greater than the respective screening level. Value is not included in risk calculations.
ND: Not Detected
J: Estimated value less than the reporting limit but greater than the method detection limit.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RPD exceeds control limits.
H: Sample was prepped or analyzed beyond the specified holding time.
NE: Standard Not Established

Groundwater 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

Analytical Method		Method 8260D- VOCs (µg/L)		Method 8270E - SVOCs (µg/L)		Method 6020B - Metals (µg/L)															Method 7471B (µg/L)	Method 350.1 (µg/L)	Method 353.2 (µg/L)	Method SM Nitrate by Calc.	Method SM 4500 SO4 E
CAS Number		74-87-3	1634-04-4	105-60-2	123-91-1	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	7440-28-0	7440-62-2	7440-66-6	7439-97-6	7664-41-7	1497-65-0	14797-55-8	14808-79-8
Analyte																									
Sample ID	Date Collected	Chloromethane	Methyl tert-butyl ether	Caprolactam	1,4-Dioxane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Ammonia Nitrogen	Nitrite as (N)	Nitrate as (N)	Sulfate
A-MW-1	8/25/2025	ND	ND	ND	ND	ND	ND	191	ND	ND	4.18 J	0.919 J	1.04 J	ND	688	9.23	ND	ND	ND	2.25 J	ND	ND	ND	NA	181	13,900
	11/5/2025	ND	ND	ND	ND	ND	0.777 J	171	ND	ND	2.89	1.08 J	0.999 J B	0.336 J	447	9.17	ND	ND	ND	3.02	4.47	ND	ND	ND	314	38,300
	12/3/2025	ND	ND	ND	ND	ND	ND	153	ND	ND	ND	1.28 J	0.8 J	ND	320	10.4	ND	ND	ND	2.37 J	ND	ND	ND	ND	60 J	70,400
	1/19/2026	ND	ND	ND	ND	ND	ND	117	ND	ND	ND	0.455 J	1.21 J	ND	44.2	4.50 J	ND	ND	ND	4.58 J	ND	ND	25.9 J F1	ND	456	43,900
A-MW-2	8/25/2025	ND	ND	ND	ND	ND	7.47	549	ND	ND	ND	1.46 J	ND	ND	1280	2.16 J	ND	ND	ND	ND	ND	ND	249	NA	43.1 J	18,100
	11/5/2025	ND	0.343 J	ND	ND	ND	6.6	443	ND	ND	0.545 J	1.12 J	ND	ND	1600	2.4 J	ND	ND	ND	0.526 J	6.99	ND	818	ND	61 J	12,900
	12/3/2025	ND	0.316 J	ND	ND	ND	4.88 J	442	ND	ND	ND	1.1 J	ND	ND	1310	2.07 J	ND	ND	ND	ND	ND	ND	454	ND	25 J	28,000
	1/19/2026	ND	ND	ND	ND	ND	5.26	450	ND	ND	ND	1.25 J	0.703 J	ND	2080	2.10 J	ND	ND	ND	ND	ND	ND	191	ND	75 J	15,800
A-MW-3	8/26/2026	0.400 J	ND	7.17 J *+	ND	ND	5.52	101	ND	ND	ND	6.40	ND	ND	5570	1.74 J	ND	ND	ND	ND	ND	ND	68.4	NA	ND	87,400
	11/5/2025	ND	ND	ND	ND	ND	6.21	78	ND	ND	0.407 J	3.41	ND	ND	4330	1.18 J	ND	ND	ND	ND	1.88 J	ND	230 J	ND	80 J	61,300
	12/3/2025	ND	ND	ND	ND	ND	2.22 J	81.2	ND	ND	ND	4.03 J	2.47	ND	4150	1.84 J	ND	ND	ND	2.66 J	ND	ND	122 J	ND	ND	79,800
	1/19/2026	ND	ND	ND	ND	ND	ND	87.4	ND	ND	ND	2.16 J	4.99	ND	4370	4.50 J	ND	ND	ND	3.85 J	ND	ND	ND	ND	108	63,600
A-MW-4	8/26/2026	ND	ND	ND	ND	ND	2.86 J	36.1	ND	ND	ND	ND	1.18 J	ND	34.8	0.746 J	ND	ND	ND	4.49 J	ND	ND	ND	NA	ND	2,710 J
	11/5/2025	ND	ND	ND	ND	ND	1.97 J	35	ND	ND	1.01 J	0.32 J	1.79 J B	0.269 J	10.9	ND	ND	ND	ND	4.21	8.78	ND	ND	ND	57 J	7,090
	12/3/2025	ND	ND	ND	ND	ND	2.68 J	36.8	ND	ND	ND	ND	1.42 J	ND	3.58 J	0.695 J	ND	ND	ND	3.43 J	ND	ND	ND	ND	ND	9,480
	1/19/2026	ND	ND	ND	ND	ND	2.61 J ^+	51.1	ND	ND	ND	ND	1.38 J	ND	4.25 J	0.841 J	ND	ND	ND	3.08 J	ND	ND	25.2 J	ND	35 J	7,940
A-MW-6	8/27/2025	0.522 J	ND	ND	ND	ND	ND	150	ND	ND	ND	ND	ND	ND	4.73 J	2.43 J	ND	ND	ND	7.35	ND	ND	ND	NA	158	71,500
	11/5/2025	ND	ND	ND	ND	ND	ND	278	ND	ND	3.17	0.158 J	1.08 J	ND	11	20.5	ND	ND	ND	2.16	2.38 J	ND	ND	ND	174	77,100
	12/3/2025	ND	0.324 J	ND	ND	ND	ND	242	ND	ND	ND	ND	0.727 J	ND	11.2	16.6	ND	ND	ND	2.03 J	ND	ND	ND	ND	78 J	32,000
	1/19/2026	ND	ND	ND	ND	ND	ND	247	ND	ND	ND	ND	1.68 J	ND	8.79	15.9	ND	ND	ND	2.66 J	ND	ND	ND	ND	236	21,300
A-MW-7	8/27/2025	1.01	ND	ND	ND	ND	ND	23.7	ND	ND	ND	4.59 J	1.47 J	ND	643	2.59 J	ND	ND	ND	1.48 J	ND	ND	ND	NA	109	353,000
	11/4/2025	ND	ND	ND	ND	ND	ND	31.3	ND	0.26 J	ND	2.75 J	1.99 J	ND	497	2.39 J	3.82 J	ND	ND	3.31 J	ND	ND	ND	ND	97 J	511,000
	12/3/2025	ND	ND	ND	ND	ND	ND	27.2	ND	ND	ND	0.848 J	0.952 J	ND	130	1.07 J	ND	ND	ND	1.3 J	ND	ND	ND	ND	111	482,000
	1/20/2026	ND	ND	ND	ND	ND	ND	29.5	ND	ND	ND	0.480 J	0.901 J	ND	4.70 J	0.634 J	ND	ND	ND	1.82 J	ND	ND	ND	ND	160	407,000
A-MW-8	8/27/2025	0.984 J	ND	ND	ND	ND	ND	44.6	ND	ND	ND	1.25 J	1.85 J	ND	21.2	1.68 J	ND	ND	ND	4.95 J	ND	ND	ND	NA	3,470	62,100
	11/4/2025	ND	ND	ND	ND	ND	ND	46.7	ND	ND	ND	1.55 J	1.85 J	ND	52.2	1.47 J	4.36 J	ND	ND	5.64	ND	ND	ND	ND	3,980	150,000
	12/3/2025	ND	ND	ND	ND	ND	ND	43.6	ND	ND	ND	1.33 J	1.58 J	ND	32.6	0.872 J	ND	ND	ND	4.4 J	ND	0.369	ND	ND	3,820	482,000
	1/20/2026	ND	ND	ND	ND	ND	ND	42.2	ND	ND	ND	1.35 J	1.22 J	ND	15.3	0.547 J	ND	ND	ND	5.08	ND	ND	ND	ND	3,870	177,000
A-MW-9	8/27/2025	1.04	ND	ND	ND	ND	ND	57.9	ND	ND	ND	2.75 J	752	ND	752	5.16	ND	ND	ND	ND	ND	ND	ND	NA	ND	30,500
	11/4/2025	ND	ND	ND	ND	ND	ND	86.2	ND	ND	ND	0.623 J	298	11	2440	2.13 J	ND	ND	ND	ND	166	ND	ND	ND	59 J	53,100
	12/3/2025	ND	ND	ND	ND	ND	ND	87.3	ND	ND	ND	0.774 J	ND	ND	2270	3.52 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	59,600
	1/20/2026	ND	ND	ND	ND	ND	ND	98.4	ND	ND	ND	0.683 J	ND	ND	1980	2.12 J	ND	ND	ND	ND	ND	ND	ND	ND	78 J	44,600
MW-1	8/27/2025	ND	ND	ND	0.301	ND	ND	244	ND	ND	21.6	ND	3.61	ND	38.7	0.990 J	2.41 J	ND	ND	5.08	ND	ND	ND	NA	4,790	67,700
	11/4/2025	ND	ND	90.1	ND	ND	ND	319	ND	0.246 J	ND	ND	1.48 J	ND	92.8	1.98 J	2.46 J	ND	ND	8.88	ND	ND	ND	53 J	3,520	36,800
	12/3/2025	ND	ND	7.45 J	ND	ND	ND	316	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	9.85	ND	ND	118 J	ND	2,950	35,300
	1/20/2026	ND	ND	ND	ND	ND	ND	321 F2 F1	ND	ND	ND	ND	0.769 J F2 F1	ND	22.3 F2 F1	ND	ND	ND	ND	11.5 F2 F1	ND	0.598	ND	ND	3,410	33,400
MW-2	8/27/2025	ND	ND	ND	0.598	ND	ND	187	ND	ND	ND	ND	3.58	ND	14.9	0.669 J	ND	ND	ND	3.68 J	ND	ND	ND	NA	1,250	37,300
	11/4/2025	ND	ND	6.25 J	ND	ND	2.21 J	396	0.382 J	ND	5.31	2.88 J	9.57	1.65	609	5.89	2.86 J	0.195 J	ND	11.4	10.7	ND	ND	91.2 J	897	27,800 F1
	12/4/2025	ND	ND	ND	ND	ND	1.49 J	238	ND	ND	ND	0.535 J	3.03	ND	150	0.792 J	ND	ND	ND	3.36 J	ND	ND	ND	ND	1,720	29,400
	1/20/2026	ND	ND	ND	ND	ND	ND	208	ND	ND	ND	ND	2.43	ND	18.7	0.687 J	ND	ND	ND	3.94 J	ND	ND	ND	ND	1,800	33,300
MW-3	8/26/2026	ND	ND	ND	ND	ND	ND	221	ND	ND	ND	ND	ND	ND	6.49	ND	2.29	ND	ND	4.20 J	ND	ND	ND	NA	2,940	36,000
	11/4/2025	ND	ND	ND	ND	ND	ND	317	0.371 J	ND	3.79 J	1.44 J	3.51	1.09	83.2	4.26 J	3.5 J	ND	ND	9.23	44.3	ND	ND	21.9 J F1	3,250	32,000
	12/4/2025	ND	ND	ND	ND	ND	ND	182	ND	ND	ND	ND	1.13 J	ND	20.9	0.605 J	ND	ND	ND	5.16	ND	ND	ND	ND	4,860	28,900
	1/20/2026	ND	ND	ND	ND	ND	ND	189	ND	ND	ND	ND	ND	ND	2.77 J	ND	ND	ND	ND	5.49	ND	ND	ND	ND	2,570	25,800
MW-4	8/27/2025	0.777 J	ND	ND	ND	ND	ND	283	ND	ND	ND	0.666 J	3.18	ND	423	1.44 J	ND	ND	ND	6.45	ND	ND	ND	NA	257	36,000
	11/4/2025	ND	ND	ND	ND	ND	ND	284	0.177 J	ND	ND	1.21 J	3.9	ND	339	3.46 J	ND	ND	ND	5.19	ND	ND	ND	30.3 J H	824	54,300
	12/4/2025	ND	ND	ND	ND	ND	ND	198	ND	ND	ND	ND	0.825 J	ND	120	1 J	ND	ND	ND	2.22 J	ND	ND	ND	ND	917	60,600
	1/20/2026	ND	ND	ND	ND	ND	ND	235	ND	ND	ND	ND	0.978 J	ND	345	ND	ND	ND	ND	4.19 J	ND	ND	ND	ND	236	34,300
MW-5	8/27/2025	ND	ND	3.44 J	ND	ND	ND	140	ND	ND	ND	0.605 J	1.27 J	ND	126	1.07 J	ND	ND	ND	3.66 J	ND	ND	ND	NA	ND	63,800 F1
	11/4/2025	ND	ND	ND	ND	ND	ND	173	0.227 J	ND	ND	1.27 J	2.27	1.02	156	2.78 J	ND	ND	ND	5.48	ND	ND	ND	19.6 J H	11.4 J	13,700
	12/4/2025	ND	ND	ND	ND	ND	ND	146	ND	ND	ND	0.612 J	1.19 J	ND	118	1.49 J	ND	ND	ND	3.42 J	ND	ND	ND	ND	ND	15,500
	1/20/2026	ND	ND	ND	ND	ND	ND	141	ND	ND	ND	ND	ND	ND	98.5	ND	ND	ND	ND	1.88 J	ND	ND	37 J	ND	ND	9,770
MW-6	8/26/2026	ND	ND	ND	ND	ND	ND	226	ND	ND	ND	ND	1.47 J	ND	56.6	0.779 J	ND	ND	ND	1.67 J	ND	ND	ND	NA	41.1 J	56,500
	11/5/2025	ND	ND	ND	ND	1.23 J	0.803 J	186	ND	ND	1.67 J	0.336 J	2.06 B	0.372 J	43	1.15 J	ND	ND	ND	2.99	1230	ND	ND	29.9 J F1	142	27,500
	12/4/2025	ND	ND	ND	ND	ND	ND	168	ND	ND	ND	ND	1.6 J	ND	36.7	1.03 J	ND	ND	ND	2.18 J	1710	ND	121 J	ND	106	28,500
	1/19/2026	ND	ND	ND	ND	ND	ND	178	ND	ND	ND	ND	1.35 J	ND	30.1	0.519 J	ND	ND	ND	2.82 J	871	ND	37.2 J	ND	141	24,400
MW-7	8/26/2026	ND	ND	3.86 J*+	ND	ND	ND	95.2	ND	ND	ND	ND	0.774 J	ND	32	0.928 J	ND	ND	ND	8.03	ND	ND	ND	NA	178	7,440
	11/5/2025	ND	ND	ND	ND	ND	1.37 J	134	0.571 J	ND	7.13	1.92 J	4.19 B	1.85 J	199	4.54	1.07 J	ND	ND	17.3	11.2	ND	ND	15.9 J F1	1,350	8,290
	12/4/2025	ND	ND	7.16 J	ND	ND	1.57 J	140	0.38 J	ND	ND	1.12 J	6.99	1.29	148	2.07 J	ND	ND	ND	8.29	ND	ND	ND	ND	1,660	20,600
	1/19/2026	ND	ND	ND	ND	ND	4.39 J ^+	266	ND	ND	21.1	8.67	16.9	7.85	732	16.8	ND	ND	0.271 J	31.6	40.6	ND	ND	ND	1,540	9,730
15A NCAC 2L Groundwater Standards & IMACs		3	20	4,000	3	1	10	700	4	2	10	1	1,000	15	50	100	20	20	NE	7	1,000	1	1,500	1,000	10,000	250,000

Notes:
µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
ND: Not Detected
NA: Not Analyzed.
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.
B: Compound was found in blank and sample.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RDP exceeds control limits.
*+: LCS and/or LCSD is outside acceptance limits, high biased.

Sediment Sample Analytical Results Summary
City of Durham Parks - Lyon Park (NONCD00008922)
1101 Cornell Street & 1200 W. Lakewood Ave, Durham, Durham County, North Carolina
S&ME Project No. 2305030

| Analytical Method | | Method 8260 - VOCs (mg/Kg) | | | | | | | | | | Method 8270E - SVOCs (mg/Kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Method 8270E SIM | Method 6020B - Metals (mg/Kg) | | | | | | | | | | | | | | | | | | | | Method 7470A | Method 7199 | Method 350.1 | Method 9056A | NCDEQ Risk Calculator | | | |
|---|---|---

Appendix V – 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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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:

DUP taken at LFGP-1. Highest concetration was taken between the two.

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
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1									
4	J	67-63-0	Isopropanol			ug/m^3	LFGP-DUP									
12		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-DUP									
3.2	J	108-88-3	Toluene			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
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
67-63-0	Isopropanol	4	0.12	-	4.2E+01		5.8E-04
127-18-4	Tetrachloroethylene	12	0.36	1.1E+01	8.3E+00	3.3E-08	8.6E-03
108-88-3	Toluene	3.2	0.096	-	1.0E+03		1.8E-05
					Cumulative:	3.3E-08	9.7E-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-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
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
67-63-0	Isopropanol	4	0.04	-	1.8E+02		4.6E-05
127-18-4	Tetrachloroethylene	12	0.12	4.7E+01	3.5E+01	2.5E-09	6.8E-04
108-88-3	Toluene	3.2	0.032	-	4.4E+03		1.5E-06
					Cumulative:	2.5E-09	7.7E-04

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	3.3E-08	9.7E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.5E-09	7.7E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
7	J	67-64-1	Acetone			ug/m^3	LFGP-2									
3.2	J	75-15-0	Carbon Disulfide			ug/m^3	LFGP-2									
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2									
0.87	J	110-54-3	Hexane, N-			ug/m^3	LFGP-2									
7.7	J	67-63-0	Isopropanol			ug/m^3	LFGP-2									
1.8	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-2									
8.8		108-88-3	Toluene			ug/m^3	LFGP-2									
2.6	J	75-69-4	Trichlorofluoromethane			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, RI 11A

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	7	0.21	-	-		
75-15-0	Carbon Disulfide	3.2	0.096	-	1.5E+02		1.3E-04
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
110-54-3	Hexane, N-	0.87	0.0261	-	1.5E+02		3.6E-05
67-63-0	Isopropanol	7.7	0.231	-	4.2E+01		1.1E-03
75-09-2	Methylene Chloride	1.8	0.054	1.0E+02	1.3E+02	5.3E-10	8.6E-05
108-88-3	Toluene	8.8	0.264	-	1.0E+03		5.1E-05
75-69-4	Trichlorofluoromethane	2.6	0.078	-	-		
					Cumulative:	5.3E-10	1.9E-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-2 Risk Assessment, RI 11A

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	7	0.07	-	-		
75-15-0	Carbon Disulfide	3.2	0.032	-	6.1E+02		1.0E-05
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
110-54-3	Hexane, N-	0.87	0.0087	-	6.1E+02		2.8E-06
67-63-0	Isopropanol	7.7	0.077	-	1.8E+02		8.8E-05
75-09-2	Methylene Chloride	1.8	0.018	1.2E+03	5.3E+02	1.5E-11	6.8E-06
108-88-3	Toluene	8.8	0.088	-	4.4E+03		4.0E-06
75-69-4	Trichlorofluoromethane	2.6	0.026	-	-		
					Cumulative:	1.5E-11	1.5E-04

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, RI 11A

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-10	1.9E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.5E-11	1.5E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
7.4	J	67-64-1	Acetone			ug/m^3	LFGP-3									
3.7	J	75-15-0	Carbon Disulfide			ug/m^3	LFGP-3									
1.3	J	67-66-3	Chloroform			ug/m^3	LFGP-3									
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-3									
3.3	J	67-63-0	Isopropanol			ug/m^3	LFGP-3									
3.4	J	108-88-3	Toluene			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, RI 11A

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	7.4	0.222	-	-		
75-15-0	Carbon Disulfide	3.7	0.111	-	1.5E+02		1.5E-04
67-66-3	Chloroform	1.3	0.039	1.2E-01	4.1E-01	3.2E-07	1.9E-02
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
67-63-0	Isopropanol	3.3	0.099	-	4.2E+01		4.7E-04
108-88-3	Toluene	3.4	0.102	-	1.0E+03		2.0E-05
					Cumulative:	3.2E-07	2.0E-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-3 Risk Assessment, RI 11A

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	7.4	0.074	-	-		
75-15-0	Carbon Disulfide	3.7	0.037	-	6.1E+02		1.2E-05
67-66-3	Chloroform	1.3	0.013	5.3E-01	1.7E+00	2.4E-08	1.5E-03
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
67-63-0	Isopropanol	3.3	0.033	-	1.8E+02		3.8E-05
108-88-3	Toluene	3.4	0.034	-	4.4E+03		1.6E-06
					Cumulative:	2.4E-08	1.6E-03

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, RI 11A

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	3.2E-07	2.0E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.4E-08	1.6E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
8.2	J	67-64-1	Acetone			ug/m^3	LFGP-4									
8.7	J	75-15-0	Carbon Disulfide			ug/m^3	LFGP-4									
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-4									
15		67-63-0	Isopropanol			ug/m^3	LFGP-4									
4.4		108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)			ug/m^3	LFGP-4									
3.4	J	108-88-3	Toluene			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, RI 11A

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	8.2	0.246	-	-		
75-15-0	Carbon Disulfide	8.7	0.261	-	1.5E+02		3.6E-04
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
67-63-0	Isopropanol	15	0.45	-	4.2E+01		2.2E-03
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	4.4	0.132	-	6.3E+02		4.2E-05
108-88-3	Toluene	3.4	0.102	-	1.0E+03		2.0E-05
					Cumulative:	0.0E+00	3.1E-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-4 Risk Assessment, RI 11A

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	8.2	0.082	-	-		
75-15-0	Carbon Disulfide	8.7	0.087	-	6.1E+02		2.8E-05
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
67-63-0	Isopropanol	15	0.15	-	1.8E+02		1.7E-04
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	4.4	0.044	-	2.6E+03		3.3E-06
108-88-3	Toluene	3.4	0.034	-	4.4E+03		1.6E-06
					Cumulative:	0.0E+00	2.5E-04

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, RI 11A

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	3.1E-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	2.5E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
6.3	J	67-64-1	Acetone			ug/m^3	LFGP-5									
2.6	J	67-66-3	Chloroform			ug/m^3	LFGP-5									
1.9	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-5									
3.5	J	67-63-0	Isopropanol			ug/m^3	LFGP-5									
2.8	J	108-88-3	Toluene			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, RI 11A

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	6.3	0.189	-	-		
67-66-3	Chloroform	2.6	0.078	1.2E-01	4.1E-01	6.4E-07	3.8E-02
75-71-8	Dichlorodifluoromethane	1.9	0.057	-	2.1E+01		5.5E-04
67-63-0	Isopropanol	3.5	0.105	-	4.2E+01		5.0E-04
108-88-3	Toluene	2.8	0.084	-	1.0E+03		1.6E-05
					Cumulative:	6.4E-07	3.9E-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-5 Risk Assessment, RI 11A

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	6.3	0.063	-	-		
67-66-3	Chloroform	2.6	0.026	5.3E-01	1.7E+00	4.9E-08	3.0E-03
75-71-8	Dichlorodifluoromethane	1.9	0.019	-	8.8E+01		4.3E-05
67-63-0	Isopropanol	3.5	0.035	-	1.8E+02		4.0E-05
108-88-3	Toluene	2.8	0.028	-	4.4E+03		1.3E-06
					Cumulative:	4.9E-08	3.1E-03

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, RI 11A

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	6.4E-07	3.9E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.9E-08	3.1E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
7	J	67-64-1	Acetone			ug/m^3	LFGP-6									
2	J	71-43-2	Benzene			ug/m^3	LFGP-6									
2.7	J	110-82-7	Cyclohexane			ug/m^3	LFGP-6									
39		75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-6									
8.4		108-88-3	Toluene			ug/m^3	LFGP-6									

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, RI 11A

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	7	0.07	-	-		
71-43-2	Benzene	2	0.02	1.6E+00	2.6E+01	1.3E-08	1.5E-04
110-82-7	Cyclohexane	2.7	0.027	-	5.3E+03		1.0E-06
75-71-8	Dichlorodifluoromethane	39	0.39	-	8.8E+01		8.9E-04
108-88-3	Toluene	8.4	0.084	-	4.4E+03		3.8E-06
					Cumulative:	1.3E-08	1.0E-03

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, RI 11A

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	1.7E-07	1.3E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.3E-08	1.0E-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.

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, RI 11A

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	7	0.21	-	-		
71-43-2	Benzene	2	0.06	3.6E-01	6.3E+00	1.7E-07	1.9E-03
110-82-7	Cyclohexane	2.7	0.081	-	1.3E+03		1.3E-05
75-71-8	Dichlorodifluoromethane	39	1.17	-	2.1E+01		1.1E-02
108-88-3	Toluene	8.4	0.252	-	1.0E+03		4.8E-05
					Cumulative:	1.7E-07	1.3E-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:	LFGP-7 Risk Assessment, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
11	J	67-64-1	Acetone			ug/m^3	LFGP-7									
2.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-7									
3.7	J	67-63-0	Isopropanol			ug/m^3	LFGP-7									
6.3		108-88-3	Toluene			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, RI 11A

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	11	0.33	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.075	-	2.1E+01		7.2E-04
67-63-0	Isopropanol	3.7	0.111	-	4.2E+01		5.3E-04
108-88-3	Toluene	6.3	0.189	-	1.0E+03		3.6E-05
					Cumulative:	0.0E+00	1.3E-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, RI 11A

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	11	0.11	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.025	-	8.8E+01		5.7E-05
67-63-0	Isopropanol	3.7	0.037	-	1.8E+02		4.2E-05
108-88-3	Toluene	6.3	0.063	-	4.4E+03		2.9E-06
					Cumulative:	0.0E+00	1.0E-04

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, RI 11A

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	1.3E-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	1.0E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
14	J	67-64-1	Acetone			ug/m^3	LFGP-8									
2.4	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-8									
9.8		67-63-0	Isopropanol			ug/m^3	LFGP-8									
60		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-8									
4.6	J	108-88-3	Toluene			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, RI 11A

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	14	0.42	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.072	-	2.1E+01		6.9E-04
67-63-0	Isopropanol	9.8	0.294	-	4.2E+01		1.4E-03
127-18-4	Tetrachloroethylene	60	1.8	1.1E+01	8.3E+00	1.7E-07	4.3E-02
108-88-3	Toluene	4.6	0.138	-	1.0E+03		2.6E-05
					Cumulative:	1.7E-07	4.5E-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-8 Risk Assessment, RI 11A

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	14	0.14	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.024	-	8.8E+01		5.5E-05
67-63-0	Isopropanol	9.8	0.098	-	1.8E+02		1.1E-04
127-18-4	Tetrachloroethylene	60	0.6	4.7E+01	3.5E+01	1.3E-08	3.4E-03
108-88-3	Toluene	4.6	0.046	-	4.4E+03		2.1E-06
					Cumulative:	1.3E-08	3.6E-03

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, RI 11A

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	1.7E-07	4.5E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.3E-08	3.6E-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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
15	J	67-64-1	Acetone			ug/m^3	LFGP-9									
2.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-9									
8.3		108-88-3	Toluene			ug/m^3	LFGP-9									

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, RI 11A

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	15	0.15	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.025	-	8.8E+01		5.7E-05
108-88-3	Toluene	8.3	0.083	-	4.4E+03		3.8E-06
					Cumulative:	0.0E+00	6.1E-05

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, RI 11A

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	15	0.45	-	-		
75-71-8	Dichlorodifluoromethane	2.5	0.075	-	2.1E+01		7.2E-04
108-88-3	Toluene	8.3	0.249	-	1.0E+03		4.8E-05
					Cumulative:	0.0E+00	7.7E-04

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, RI 11A

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	7.7E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.1E-05	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.

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, RI 11A
Submittal Date:	3/11/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Jerry Paul

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, RI 11A

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
31		67-64-1	Acetone			ug/m^3	LFGP-10									
8.1	J	67-63-0	Isopropanol			ug/m^3	LFGP-10									
2.1	J	127-18-4	Tetrachloroethylene			ug/m^3	LFGP-10									
3.3	J	108-88-3	Toluene			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, RI 11A

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	31	0.93	-	-		
67-63-0	Isopropanol	8.1	0.243	-	4.2E+01		1.2E-03
127-18-4	Tetrachloroethylene	2.1	0.063	1.1E+01	8.3E+00	5.8E-09	1.5E-03
108-88-3	Toluene	3.3	0.099	-	1.0E+03		1.9E-05
					Cumulative:	5.8E-09	2.7E-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, RI 11A

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	31	0.31	-	-		
67-63-0	Isopropanol	8.1	0.081	-	1.8E+02		9.2E-05
127-18-4	Tetrachloroethylene	2.1	0.021	4.7E+01	3.5E+01	4.5E-10	1.2E-04
108-88-3	Toluene	3.3	0.033	-	4.4E+03		1.5E-06
					Cumulative:	4.5E-10	2.1E-04

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, RI 11A

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	5.8E-09	2.7E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.5E-10	2.1E-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.

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, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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
61.9		7440-39-3	Barium			ug/L	SW-1									
2.71		7440-50-8	Copper			ug/L	SW-1									
38.9		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
0.63	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
196		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
8.28	J	84-74-2	~Dibutyl Phthalate			ug/L	SW-1									
10.3		7440-66-6	Zinc and Compounds			ug/L	SW-1									

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
7440-39-3	Barium	61.9	61.9				1.2E-03	9.3E-04	2.1E-03
7440-50-8	Copper	2.71	2.71				2.7E-04	1.4E-05	2.8E-04
7439-96-5	Manganese (Non-diet)	38.9	38.9				6.4E-03	8.5E-03	1.5E-02
7440-02-0	Nickel Soluble Salts	0.63	0.63				1.2E-04	3.3E-05	1.6E-04
14797-55-8	Nitrate (measured as nitrogen)	196	196				4.8E-04	2.6E-05	5.1E-04
84-74-2	~Dibutyl Phthalate	8.28	8.28				3.3E-04	2.5E-03	2.8E-03
7440-66-6	Zinc and Compounds	10.3	10.3				1.4E-04	4.3E-06	1.4E-04
					Cumulative:	0.0E+00			2.1E-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-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*	0.0E+00	2.1E-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-2 Risk Assessment, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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, RI 11A

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
64.9		7440-39-3	Barium			ug/L	SW-2									
4.91		7440-50-8	Copper			ug/L	SW-2									
4.91		7439-92-1	~Lead and Compounds			ug/L	SW-2									
37.1		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.28	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
177		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
18.1		7440-66-6	Zinc and Compounds			ug/L	SW-2									

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, RI 11A

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
7440-39-3	Barium	64.9	64.9				1.3E-03	9.7E-04	2.3E-03
7440-50-8	Copper	4.91	4.91				4.8E-04	2.6E-05	5.1E-04
7439-92-1	~Lead and Compounds	4.91	4.91						
7439-96-5	Manganese (Non-diet)	37.1	37.1				6.1E-03	8.1E-03	1.4E-02
7440-02-0	Nickel Soluble Salts	1.28	1.28				2.5E-04	6.7E-05	3.2E-04
14797-55-8	Nitrate (measured as nitrogen)	177	177				4.4E-04	2.3E-05	4.6E-04
7440-66-6	Zinc and Compounds	18.1	18.1				2.4E-04	7.6E-06	2.5E-04
					Cumulative:	0.0E+00			1.8E-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-2 Risk Assessment, RI 11A

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*	0.0E+00	1.8E-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-3 Risk Assessment, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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, RI 11A

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
57		7440-39-3	Barium			ug/L	SW-3									
2.67		7440-50-8	Copper			ug/L	SW-3									
12.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
0.738	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
177		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
9.04	J	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-3 Risk Assessment, RI 11A

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
7440-39-3	Barium	57	57				1.1E-03	8.5E-04	2.0E-03
7440-50-8	Copper	2.67	2.67				2.6E-04	1.4E-05	2.8E-04
7439-96-5	Manganese (Non-diet)	12.2	12.2				2.0E-03	2.7E-03	4.7E-03
7440-02-0	Nickel Soluble Salts	0.738	0.738				1.5E-04	3.9E-05	1.8E-04
14797-55-8	Nitrate (measured as nitrogen)	177	177				4.4E-04	2.3E-05	4.6E-04
7440-66-6	Zinc and Compounds	9.04	9.04				1.2E-04	3.8E-06	1.2E-04
					Cumulative:	0.0E+00			7.7E-03

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, RI 11A

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*	0.0E+00	7.7E-03	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-4 Risk Assessment, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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 Risk Assessment, RI 11A

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
59.2		7440-39-3	Barium			ug/L	SW-4									
5.24		7440-50-8	Copper			ug/L	SW-4									
3.16		7439-92-1	~Lead and Compounds			ug/L	SW-4									
40.7		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
1.8	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
120		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-4									
16.1		7440-66-6	Zinc and Compounds			ug/L	SW-4									

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 Risk Assessment, RI 11A

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
7440-39-3	Barium	59.2	59.2				1.2E-03	8.8E-04	2.1E-03
7440-50-8	Copper	5.24	5.24				5.2E-04	2.7E-05	5.4E-04
7439-92-1	~Lead and Compounds	3.16	3.16						
7439-96-5	Manganese (Non-diet)	40.7	40.7				6.7E-03	8.9E-03	1.6E-02
7440-02-0	Nickel Soluble Salts	1.8	1.8				3.6E-04	9.4E-05	4.5E-04
14797-55-8	Nitrate (measured as nitrogen)	120	120				3.0E-04	1.6E-05	3.1E-04
7440-66-6	Zinc and Compounds	16.1	16.1				2.1E-04	6.7E-06	2.2E-04
					Cumulative:	0.0E+00			1.9E-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-4 Risk Assessment, RI 11A

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*	0.0E+00	1.9E-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.

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 Risk Assessment, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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 Risk Assessment, RI 11A

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
52.1		7440-39-3	Barium			ug/L	SW-5									
3.6		7440-50-8	Copper			ug/L	SW-5									
48.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
0.923	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
125		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-5									
1		7440-28-0	Thallium (Soluble Salts)			ug/L	SW-5									
10.5		7440-66-6	Zinc and Compounds			ug/L	SW-5									

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 Risk Assessment, RI 11A

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
7440-39-3	Barium	52.1	52.1				1.0E-03	7.8E-04	1.8E-03
7440-50-8	Copper	3.6	3.6				3.6E-04	1.9E-05	3.7E-04
7439-96-5	Manganese (Non-diet)	48.5	48.5				8.0E-03	1.1E-02	1.9E-02
7440-02-0	Nickel Soluble Salts	0.923	0.923				1.8E-04	4.8E-05	2.3E-04
14797-55-8	Nitrate (measured as nitrogen)	125	125				3.1E-04	1.6E-05	3.2E-04
7440-28-0	Thallium (Soluble Salts)	1	1				**3.9E-01**	2.1E-02	**4.2E-01**
7440-66-6	Zinc and Compounds	10.5	10.5				1.4E-04	4.4E-06	1.4E-04
					Cumulative:	0.0E+00			4.4E-01

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 Risk Assessment, RI 11A

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*	0.0E+00	4.4E-01	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, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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, RI 11A

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken from SW-6. Highest concentration is taken between the two.

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
70.3		7440-39-3	Barium			ug/L	SW-6									
0.421	J	7440-48-4	Cobalt			ug/L	SW-6									
5.1		7440-50-8	Copper			ug/L	SW-6									
4.95		7439-92-1	~Lead and Compounds			ug/L	SW-6									
114		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.65	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
122		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-DUP									
1.28	J	7440-62-2	Vanadium and Compounds			ug/L	SW-6									
22.4		7440-66-6	Zinc and Compounds			ug/L	SW-6									

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, RI 11A

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
7440-39-3	Barium	70.3	70.3				1.4E-03	1.1E-03	2.4E-03
7440-48-4	Cobalt	0.421	0.421				5.5E-03	1.2E-04	5.7E-03
7440-50-8	Copper	5.1	5.1				5.0E-04	2.7E-05	5.3E-04
7439-92-1	~Lead and Compounds	4.95	4.95						
7439-96-5	Manganese (Non-diet)	114	114				1.9E-02	2.5E-02	4.4E-02
7440-02-0	Nickel Soluble Salts	1.65	1.65				3.3E-04	8.6E-05	4.1E-04
14797-55-8	Nitrate (measured as nitrogen)	122	122				3.0E-04	1.6E-05	3.2E-04
7440-62-2	Vanadium and Compounds	1.28	1.28				1.0E-03	2.0E-03	3.0E-03
7440-66-6	Zinc and Compounds	22.4	22.4				2.9E-04	9.4E-06	3.0E-04
					Cumulative:	0.0E+00			5.6E-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, RI 11A

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*	0.0E+00	5.6E-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.

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, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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, RI 11A

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
63.3		7440-39-3	Barium			ug/L	SW-7									
2.97		7440-50-8	Copper			ug/L	SW-7									
83.9		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.03	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
114		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-7									
10.5		7440-66-6	Zinc and Compounds			ug/L	SW-7									

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, RI 11A

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
7440-39-3	Barium	63.3	63.3				1.2E-03	9.5E-04	2.2E-03
7440-50-8	Copper	2.97	2.97				2.9E-04	1.6E-05	3.1E-04
7439-96-5	Manganese (Non-diet)	83.9	83.9				1.4E-02	1.8E-02	3.2E-02
7440-02-0	Nickel Soluble Salts	1.03	1.03				2.0E-04	5.4E-05	2.6E-04
14797-55-8	Nitrate (measured as nitrogen)	114	114				2.8E-04	1.5E-05	3.0E-04
7440-66-6	Zinc and Compounds	10.5	10.5				1.4E-04	4.4E-06	1.4E-04
					Cumulative:	0.0E+00			3.5E-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-7 Risk Assessment, RI 11A

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*	0.0E+00	3.5E-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-8 Risk Assessment, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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, RI 11A

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
69.1		7440-39-3	Barium			ug/L	SW-8									
2.4		7440-50-8	Copper			ug/L	SW-8									
92.9		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
234		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
14.1		7440-66-6	Zinc and Compounds			ug/L	SW-8									

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, RI 11A

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
7440-39-3	Barium	69.1	69.1				1.4E-03	1.0E-03	2.4E-03
7440-50-8	Copper	2.4	2.4				2.4E-04	1.3E-05	2.5E-04
7439-96-5	Manganese (Non-diet)	92.9	92.9				1.5E-02	2.0E-02	3.6E-02
14797-55-8	Nitrate (measured as nitrogen)	234	234				5.8E-04	3.1E-05	6.1E-04
7440-66-6	Zinc and Compounds	14.1	14.1				1.9E-04	5.9E-06	1.9E-04
					Cumulative:	0.0E+00			3.9E-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-8 Risk Assessment, RI 11A

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*	0.0E+00	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.

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, RI 11A
Submittal Date:	3/12/2026
Prepared By:	Macy Courtney
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, RI 11A

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
77.4		7440-39-3	Barium			ug/L	SW-9									
0.424	J	7440-48-4	Cobalt			ug/L	SW-9									
3.57		7440-50-8	Copper			ug/L	SW-9									
2.93		7439-92-1	~Lead and Compounds			ug/L	SW-9									
121		7439-96-5	Manganese (Non-diet)			ug/L	SW-9									
1.64	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-9									
196		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-9									
18.8		7440-66-6	Zinc and Compounds			ug/L	SW-9									

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, RI 11A

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
7440-39-3	Barium	77.4	77.4				1.5E-03	1.2E-03	2.7E-03
7440-48-4	Cobalt	0.424	0.424				5.6E-03	1.2E-04	5.7E-03
7440-50-8	Copper	3.57	3.57				3.5E-04	1.9E-05	3.7E-04
7439-92-1	~Lead and Compounds	2.93	2.93						
7439-96-5	Manganese (Non-diet)	121	121				2.0E-02	2.6E-02	4.6E-02
7440-02-0	Nickel Soluble Salts	1.64	1.64				3.2E-04	8.6E-05	4.1E-04
14797-55-8	Nitrate (measured as nitrogen)	196	196				4.8E-04	2.6E-05	5.1E-04
7440-66-6	Zinc and Compounds	18.8	18.8				2.5E-04	7.9E-06	2.6E-04
					Cumulative:	0.0E+00			5.6E-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, RI 11A

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*	0.0E+00	5.6E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

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
1.53		7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
32.1		7440-39-3	Barium			mg/kg	SED-1									
0.205	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.12	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
8.21		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
4.36		7440-48-4	Cobalt			mg/kg	SED-1									
26.9	B	7440-50-8	Copper			mg/kg	SED-1									
23.3		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
142		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
12.2		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
0.192	J B F1 *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-1									
0.0492	J F1	56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
0.0592	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.0811	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.0589	J	218-01-9	~Chrysene			mg/kg	SED-1									
0.0935	J	206-44-0	~Fluoranthene			mg/kg	SED-1									
0.0469	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
0.0865	J	129-00-0	~Pyrene			mg/kg	SED-1									
0.425	J	7782-49-2	Selenium			mg/kg	SED-1									
0.12	J	7440-22-4	Silver			mg/kg	SED-1									
0.0376	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-1									
13.7		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
77		7440-66-6	Zinc and Compounds			mg/kg	SED-1									

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, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	1.53	1.53	1.53	**2.0E-06**	2.8E-07	3.9E-11	2.3E-06	3.9E-02	4.6E-03	1.6E-06	4.4E-02
7440-39-3	Barium	32.1	32.1	32.1					2.1E-03		1.0E-06	2.1E-03
7440-41-7	Beryllium and compounds	0.205	0.205	0.205			3.0E-12	3.0E-12	1.3E-03		1.7E-07	1.3E-03
7440-43-9	Cadmium (Diet)	0.12	0.12	0.12			1.3E-12	1.3E-12	1.5E-02	1.5E-03	1.9E-07	1.7E-02
16065-83-1	Chromium(III), Insoluble Salts	8.21	8.21	8.21					7.0E-05			7.0E-05
7440-48-4	Cobalt	4.36	4.36	4.36			2.4E-10	2.4E-10	1.9E-01		1.2E-05	1.9E-01
7440-50-8	Copper	26.9	26.9	26.9					8.6E-03			8.6E-03
7439-92-1	~Lead and Compounds	23.3	23.3	23.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	142	142	142					7.6E-02		4.6E-05	7.6E-02
7440-02-0	Nickel Soluble Salts	12.2	12.2	12.2			1.9E-11	1.9E-11	7.8E-03		2.0E-05	7.8E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.192	0.192	0.192	3.9E-09	1.1E-09	2.8E-15	5.0E-09	1.2E-04	2.9E-05		1.5E-04
56-55-3	~Benz[a]anthracene	0.0492	0.0492	0.0492	3.2E-08	1.1E-08	6.2E-10	4.3E-08				
50-32-8	~Benzo[a]pyrene	0.0592	0.0592	0.0592	3.9E-07	1.3E-07	5.9E-13	5.2E-07	2.5E-03	7.8E-04	4.8E-07	3.3E-03
205-99-2	~Benzo[b]fluoranthene	0.0811	0.0811	0.0811	5.3E-08	1.8E-08	8.1E-14	7.1E-08				
218-01-9	~Chrysene	0.0589	0.0589	0.0589	3.8E-10	1.3E-10	5.9E-16	5.1E-10				
206-44-0	~Fluoranthene	0.0935	0.0935	0.0935					3.0E-05	9.2E-06		3.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0469	0.0469	0.0469	3.1E-08	1.0E-08	4.7E-14	4.1E-08				
129-00-0	~Pyrene	0.0865	0.0865	0.0865					3.7E-05	1.1E-05		4.8E-05
7782-49-2	Selenium	0.425	0.425	0.425					1.1E-03		3.4E-10	1.1E-03
7440-22-4	Silver	0.12	0.12	0.12					3.1E-04			3.1E-04
7440-28-0	Thallium (Soluble Salts)	0.0376	0.0376	0.0376					4.8E-02			4.8E-02
7440-62-2	Vanadium and Compounds	13.7	13.7	13.7					3.5E-02		2.2E-06	3.5E-02
7440-66-6	Zinc and Compounds	77	77	77					3.3E-03			3.3E-03
						Cumulative:		2.9E-06				4.3E-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-1 Risk Assessment, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	1.53	1.53	1.53	4.2E-07	8.9E-08	9.0E-12	5.1E-07	2.6E-03	5.5E-04	3.9E-07	3.2E-03
7440-39-3	Barium	32.1	32.1	32.1					1.4E-04		2.5E-07	1.4E-04
7440-41-7	Beryllium and compounds	0.205	0.205	0.205			6.8E-13	6.8E-13	8.8E-05		3.9E-08	8.8E-05
7440-43-9	Cadmium (Diet)	0.12	0.12	0.12			3.0E-13	3.0E-13	1.0E-03	1.7E-04	4.6E-08	1.2E-03
16065-83-1	Chromium(III), Insoluble Salts	8.21	8.21	8.21					4.7E-06			4.7E-06
7440-48-4	Cobalt	4.36	4.36	4.36			5.4E-11	5.4E-11	1.2E-02		2.8E-06	1.2E-02
7440-50-8	Copper	26.9	26.9	26.9					5.8E-04			5.8E-04
7439-92-1	~Lead and Compounds	23.3	23.3	23.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	142	142	142					5.1E-03		1.1E-05	5.1E-03
7440-02-0	Nickel Soluble Salts	12.2	12.2	12.2			4.4E-12	4.4E-12	5.2E-04		4.7E-06	5.3E-04
117-81-7	~Bis(2-ethylhexyl)phthalate	0.192	0.192	0.192	8.2E-10	3.5E-10	6.3E-16	1.2E-09	8.2E-06	3.5E-06		1.2E-05
56-55-3	~Benz[a]anthracene	0.0492	0.0492	0.0492	1.5E-09	8.3E-10	5.1E-11	2.4E-09				
50-32-8	~Benzo[a]pyrene	0.0592	0.0592	0.0592	1.8E-08	1.0E-08	4.9E-14	2.8E-08	1.7E-04	9.3E-05	1.1E-07	2.6E-04
205-99-2	~Benzo[b]fluoranthene	0.0811	0.0811	0.0811	2.5E-09	1.4E-09	6.7E-15	3.8E-09				
218-01-9	~Chrysene	0.0589	0.0589	0.0589	1.8E-11	9.9E-12	4.9E-17	2.8E-11				
206-44-0	~Fluoranthene	0.0935	0.0935	0.0935					2.0E-06	1.1E-06		3.1E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0469	0.0469	0.0469	1.4E-09	7.9E-10	3.9E-15	2.2E-09				
129-00-0	~Pyrene	0.0865	0.0865	0.0865					2.5E-06	1.4E-06		3.8E-06
7782-49-2	Selenium	0.425	0.425	0.425					7.3E-05		8.2E-11	7.3E-05
7440-22-4	Silver	0.12	0.12	0.12					2.1E-05			2.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0376	0.0376	0.0376					3.2E-03			3.2E-03
7440-62-2	Vanadium and Compounds	13.7	13.7	13.7					2.3E-03		5.3E-07	2.3E-03
7440-66-6	Zinc and Compounds	77	77	77					2.2E-04			2.2E-04
						Cumulative:		5.5E-07				2.9E-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-1 Risk Assessment, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	1.53	1.53	1.53	8.5E-07	1.2E-07	1.4E-12	9.7E-07	1.7E-02	2.0E-03	5.9E-08	1.9E-02
7440-39-3	Barium	32.1	32.1	32.1					8.8E-04		3.7E-08	8.8E-04
7440-41-7	Beryllium and compounds	0.205	0.205	0.205			1.1E-13	1.1E-13	5.6E-04		5.9E-09	5.6E-04
7440-43-9	Cadmium (Diet)	0.12	0.12	0.12			4.6E-14	4.6E-14	6.6E-03	6.2E-04	6.9E-09	7.2E-03
16065-83-1	Chromium(III), Insoluble Salts	8.21	8.21	8.21					3.0E-05			3.0E-05
7440-48-4	Cobalt	4.36	4.36	4.36			8.4E-12	8.4E-12	8.0E-02		4.2E-07	8.0E-02
7440-50-8	Copper	26.9	26.9	26.9					3.7E-03			3.7E-03
7439-92-1	~Lead and Compounds	23.3	23.3	23.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	142	142	142					3.2E-02		1.6E-06	3.2E-02
7440-02-0	Nickel Soluble Salts	12.2	12.2	12.2			6.8E-13	6.8E-13	3.3E-03		7.0E-07	3.3E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.192	0.192	0.192	1.7E-09	4.7E-10	9.9E-17	2.1E-09	5.3E-05	1.2E-05		6.5E-05
56-55-3	~Benz[a]anthracene	0.0492	0.0492	0.0492	1.4E-08	4.6E-09	2.2E-11	1.8E-08				
50-32-8	~Benzo[a]pyrene	0.0592	0.0592	0.0592	1.7E-07	5.5E-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	0.0811	0.0811	0.0811	2.3E-08	7.6E-09	2.9E-15	3.0E-08				
218-01-9	~Chrysene	0.0589	0.0589	0.0589	1.6E-10	5.5E-11	2.1E-17	2.2E-10				
206-44-0	~Fluoranthene	0.0935	0.0935	0.0935					1.3E-05	4.0E-06		1.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0469	0.0469	0.0469	1.3E-08	4.4E-09	1.7E-15	1.8E-08				
129-00-0	~Pyrene	0.0865	0.0865	0.0865					1.6E-05	4.9E-06		2.1E-05
7782-49-2	Selenium	0.425	0.425	0.425					4.7E-04		1.2E-11	4.7E-04
7440-22-4	Silver	0.12	0.12	0.12					1.3E-04			1.3E-04
7440-28-0	Thallium (Soluble Salts)	0.0376	0.0376	0.0376					2.1E-02			2.1E-02
7440-62-2	Vanadium and Compounds	13.7	13.7	13.7					1.5E-02		7.9E-08	1.5E-02
7440-66-6	Zinc and Compounds	77	77	77					1.4E-03			1.4E-03
						Cumulative:		1.3E-06				1.9E-01

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.9E-06	4.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.5E-07	2.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.3E-06	1.9E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

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
0.196	J	7440-36-0	Antimony (metallic)			mg/kg	SED-2									
0.869		7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
24.1		7440-39-3	Barium			mg/kg	SED-2									
0.145	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.161	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
0.0933	J	105-60-2	Caprolactam			mg/kg	SED-2									
7.16		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
3.06		7440-48-4	Cobalt			mg/kg	SED-2									
8.41	B	7440-50-8	Copper			mg/kg	SED-2									
0.00909		123-91-1	Dioxane, 1,4-			mg/kg	SED-2									
22.9		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
113		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
7.71		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.185	J B *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-2									
0.0646	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-2									
0.0572	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
0.0782	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.0642	J	218-01-9	~Chrysene			mg/kg	SED-2									
0.108	J	206-44-0	~Fluoranthene			mg/kg	SED-2									
0.0953	J	129-00-0	~Pyrene			mg/kg	SED-2									
0.385	J	7782-49-2	Selenium			mg/kg	SED-2									
0.0111	J	7440-22-4	Silver			mg/kg	SED-2									
11.4		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
46.7		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

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, RI 11A

** - 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)	0.196	0.196	0.196					6.3E-03		1.1E-08	6.3E-03
7440-38-2	Arsenic, Inorganic	0.869	0.869	0.869	**1.1E-06**	1.6E-07	2.2E-11	1.3E-06	2.2E-02	2.6E-03	9.4E-07	2.5E-02
7440-39-3	Barium	24.1	24.1	24.1					1.5E-03		7.8E-07	1.5E-03
7440-41-7	Beryllium and compounds	0.145	0.145	0.145			2.1E-12	2.1E-12	9.3E-04		1.2E-07	9.3E-04
7440-43-9	Cadmium (Diet)	0.161	0.161	0.161			1.7E-12	1.7E-12	2.1E-02	2.0E-03	2.6E-07	2.3E-02
105-60-2	Caprolactam	0.0933	0.0933	0.0933					2.4E-06	5.7E-07	6.9E-10	3.0E-06
16065-83-1	Chromium(III), Insoluble Salts	7.16	7.16	7.16					6.1E-05			6.1E-05
7440-48-4	Cobalt	3.06	3.06	3.06			1.7E-10	1.7E-10	1.3E-01		8.2E-06	1.3E-01
7440-50-8	Copper	8.41	8.41	8.41					2.7E-03			2.7E-03
123-91-1	Dioxane, 1,4-	0.00909	0.00909	0.00909	1.3E-09		3.8E-10	1.7E-09	3.9E-06		6.9E-06	1.1E-05
7439-92-1	~Lead and Compounds	22.9	22.9	22.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	113	113	113					6.0E-02		3.7E-05	6.0E-02
7440-02-0	Nickel Soluble Salts	7.71	7.71	7.71			1.2E-11	1.2E-11	4.9E-03		1.2E-05	4.9E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.185	0.185	0.185	3.7E-09	1.0E-09	2.7E-15	4.8E-09	1.2E-04	2.8E-05		1.5E-04
56-55-3	~Benz[a]anthracene	0.0646	0.0646	0.0646	4.2E-08	1.4E-08	8.1E-10	5.7E-08				
50-32-8	~Benzo[a]pyrene	0.0572	0.0572	0.0572	3.7E-07	1.2E-07	5.7E-13	5.0E-07	2.4E-03	7.5E-04	4.6E-07	3.2E-03
205-99-2	~Benzo[b]fluoranthene	0.0782	0.0782	0.0782	5.1E-08	1.7E-08	7.8E-14	6.8E-08				
218-01-9	~Chrysene	0.0642	0.0642	0.0642	4.2E-10	1.4E-10	6.4E-16	5.6E-10				
206-44-0	~Fluoranthene	0.108	0.108	0.108					3.5E-05	1.1E-05		4.5E-05
129-00-0	~Pyrene	0.0953	0.0953	0.0953					4.1E-05	1.3E-05		5.3E-05
7782-49-2	Selenium	0.385	0.385	0.385					9.8E-04		3.1E-10	9.8E-04
7440-22-4	Silver	0.0111	0.0111	0.0111					2.8E-05			2.8E-05
7440-62-2	Vanadium and Compounds	11.4	11.4	11.4					2.9E-02		1.8E-06	2.9E-02
7440-66-6	Zinc and Compounds	46.7	46.7	46.7					2.0E-03			2.0E-03
						Cumulative:		1.9E-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-2 Risk Assessment, RI 11A

** - 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)	0.196	0.196	0.196					4.2E-04		2.5E-09	4.2E-04
7440-38-2	Arsenic, Inorganic	0.869	0.869	0.869	2.4E-07	5.1E-08	5.1E-12	2.9E-07	1.5E-03	3.1E-04	2.2E-07	1.8E-03
7440-39-3	Barium	24.1	24.1	24.1					1.0E-04		1.9E-07	1.0E-04
7440-41-7	Beryllium and compounds	0.145	0.145	0.145			4.8E-13	4.8E-13	6.2E-05		2.8E-08	6.2E-05
7440-43-9	Cadmium (Diet)	0.161	0.161	0.161			4.0E-13	4.0E-13	1.4E-03	2.3E-04	6.2E-08	1.6E-03
105-60-2	Caprolactam	0.0933	0.0933	0.0933					1.6E-07	6.8E-08	1.6E-10	2.3E-07
16065-83-1	Chromium(III), Insoluble Salts	7.16	7.16	7.16					4.1E-06			4.1E-06
7440-48-4	Cobalt	3.06	3.06	3.06			3.8E-11	3.8E-11	8.7E-03		2.0E-06	8.7E-03
7440-50-8	Copper	8.41	8.41	8.41					1.8E-04			1.8E-04
123-91-1	Dioxane, 1,4-	0.00909	0.00909	0.00909	2.8E-10		8.8E-11	3.7E-10	2.6E-07		1.6E-06	1.9E-06
7439-92-1	~Lead and Compounds	22.9	22.9	22.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	113	113	113					4.0E-03		8.7E-06	4.0E-03
7440-02-0	Nickel Soluble Salts	7.71	7.71	7.71			2.8E-12	2.8E-12	3.3E-04		3.0E-06	3.3E-04
117-81-7	~Bis(2-ethylhexyl)phthalate	0.185	0.185	0.185	7.9E-10	3.4E-10	6.1E-16	1.1E-09	7.9E-06	3.4E-06		1.1E-05
56-55-3	~Benz[a]anthracene	0.0646	0.0646	0.0646	2.0E-09	1.1E-09	6.7E-11	3.1E-09				
50-32-8	~Benzo[a]pyrene	0.0572	0.0572	0.0572	1.7E-08	9.6E-09	4.7E-14	2.7E-08	1.6E-04	9.0E-05	1.1E-07	2.5E-04
205-99-2	~Benzo[b]fluoranthene	0.0782	0.0782	0.0782	2.4E-09	1.3E-09	6.4E-15	3.7E-09				
218-01-9	~Chrysene	0.0642	0.0642	0.0642	2.0E-11	1.1E-11	5.3E-17	3.0E-11				
206-44-0	~Fluoranthene	0.108	0.108	0.108					2.3E-06	1.3E-06		3.6E-06
129-00-0	~Pyrene	0.0953	0.0953	0.0953					2.7E-06	1.5E-06		4.2E-06
7782-49-2	Selenium	0.385	0.385	0.385					6.6E-05		7.4E-11	6.6E-05
7440-22-4	Silver	0.0111	0.0111	0.0111					1.9E-06			1.9E-06
7440-62-2	Vanadium and Compounds	11.4	11.4	11.4					1.9E-03		4.4E-07	1.9E-03
7440-66-6	Zinc and Compounds	46.7	46.7	46.7					1.3E-04			1.3E-04
						Cumulative:		3.3E-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-2 Risk Assessment, RI 11A

** - 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)	0.196	0.196	0.196					2.7E-03		3.8E-10	2.7E-03
7440-38-2	Arsenic, Inorganic	0.869	0.869	0.869	4.8E-07	6.8E-08	8.0E-13	5.5E-07	9.5E-03	1.1E-03	3.3E-08	1.1E-02
7440-39-3	Barium	24.1	24.1	24.1					6.6E-04		2.8E-08	6.6E-04
7440-41-7	Beryllium and compounds	0.145	0.145	0.145			7.5E-14	7.5E-14	4.0E-04		4.2E-09	4.0E-04
7440-43-9	Cadmium (Diet)	0.161	0.161	0.161			6.2E-14	6.2E-14	8.8E-03	8.4E-04	9.3E-09	9.7E-03
105-60-2	Caprolactam	0.0933	0.0933	0.0933					1.0E-06	2.4E-07	2.4E-11	1.3E-06
16065-83-1	Chromium(III), Insoluble Salts	7.16	7.16	7.16					2.6E-05			2.6E-05
7440-48-4	Cobalt	3.06	3.06	3.06			5.9E-12	5.9E-12	5.6E-02		2.9E-07	5.6E-02
7440-50-8	Copper	8.41	8.41	8.41					1.2E-03			1.2E-03
123-91-1	Dioxane, 1,4-	0.00909	0.00909	0.00909	5.6E-10		1.4E-11	5.7E-10	1.7E-06		2.5E-07	1.9E-06
7439-92-1	~Lead and Compounds	22.9	22.9	22.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	113	113	113					2.6E-02		1.3E-06	2.6E-02
7440-02-0	Nickel Soluble Salts	7.71	7.71	7.71			4.3E-13	4.3E-13	2.1E-03		4.5E-07	2.1E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.185	0.185	0.185	1.6E-09	4.5E-10	9.5E-17	2.0E-09	5.1E-05	1.2E-05		6.3E-05
56-55-3	~Benz[a]anthracene	0.0646	0.0646	0.0646	1.8E-08	6.0E-09	2.9E-11	2.4E-08				
50-32-8	~Benzo[a]pyrene	0.0572	0.0572	0.0572	1.6E-07	5.3E-08	2.0E-14	2.1E-07	1.0E-03	3.2E-04	1.7E-08	1.4E-03
205-99-2	~Benzo[b]fluoranthene	0.0782	0.0782	0.0782	2.2E-08	7.3E-09	2.8E-15	2.9E-08				
218-01-9	~Chrysene	0.0642	0.0642	0.0642	1.8E-10	6.0E-11	2.3E-17	2.4E-10				
206-44-0	~Fluoranthene	0.108	0.108	0.108					1.5E-05	4.6E-06		1.9E-05
129-00-0	~Pyrene	0.0953	0.0953	0.0953					1.7E-05	5.4E-06		2.3E-05
7782-49-2	Selenium	0.385	0.385	0.385					4.2E-04		1.1E-11	4.2E-04
7440-22-4	Silver	0.0111	0.0111	0.0111					1.2E-05			1.2E-05
7440-62-2	Vanadium and Compounds	11.4	11.4	11.4					1.2E-02		6.6E-08	1.2E-02
7440-66-6	Zinc and Compounds	46.7	46.7	46.7					8.5E-04			8.5E-04
						Cumulative:		8.2E-07				1.2E-01

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	1.9E-06	2.9E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.3E-07	2.0E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	8.2E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

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
0.177	J	7440-36-0	Antimony (metallic)			mg/kg	SED-3									
1.03		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
25.2		7440-39-3	Barium			mg/kg	SED-3									
0.213	J	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.137	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
0.137	J	105-60-2	Caprolactam			mg/kg	SED-3									
15.2		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
0.198	J	18540-29-9	Chromium(VI)			mg/kg	SED-3									
3.68		7440-48-4	Cobalt			mg/kg	SED-3									
23.2	B	7440-50-8	Copper			mg/kg	SED-3									
0.00904		123-91-1	Dioxane, 1,4-			mg/kg	SED-3									
26.3		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
106		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
10.4		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
0.247	J B *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-3									
0.141	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.122	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.176	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.0659	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-3									
0.147	J	218-01-9	~Chrysene			mg/kg	SED-3									
0.291	J	206-44-0	~Fluoranthene			mg/kg	SED-3									
0.0879	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-3									
0.241	J	129-00-0	~Pyrene			mg/kg	SED-3									
0.422	J	7782-49-2	Selenium			mg/kg	SED-3									
0.0204	J	7440-22-4	Silver			mg/kg	SED-3									
16.5		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
61.3		7440-66-6	Zinc and Compounds			mg/kg	SED-3									

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, RI 11A

** - 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)	0.177	0.177	0.177					5.7E-03		9.5E-09	5.7E-03
7440-38-2	Arsenic, Inorganic	1.03	1.03	1.03	**1.3E-06**	1.9E-07	2.7E-11	1.5E-06	2.6E-02	3.1E-03	1.1E-06	2.9E-02
7440-39-3	Barium	25.2	25.2	25.2					1.6E-03		8.1E-07	1.6E-03
7440-41-7	Beryllium and compounds	0.213	0.213	0.213			3.1E-12	3.1E-12	1.4E-03		1.7E-07	1.4E-03
7440-43-9	Cadmium (Diet)	0.137	0.137	0.137			1.5E-12	1.5E-12	1.8E-02	1.7E-03	2.2E-07	1.9E-02
105-60-2	Caprolactam	0.137	0.137	0.137					3.5E-06	8.3E-07	1.0E-09	4.3E-06
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					1.3E-04			1.3E-04
18540-29-9	Chromium(VI)	0.198	0.198	0.198	2.1E-07		3.6E-11	2.1E-07	2.8E-03		1.1E-07	2.8E-03
7440-48-4	Cobalt	3.68	3.68	3.68			2.0E-10	2.0E-10	1.6E-01		9.9E-06	1.6E-01
7440-50-8	Copper	23.2	23.2	23.2					7.4E-03			7.4E-03
123-91-1	Dioxane, 1,4-	0.00904	0.00904	0.00904	1.3E-09		3.8E-10	1.7E-09	3.9E-06		6.9E-06	1.1E-05
7439-92-1	~Lead and Compounds	26.3	26.3	26.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	106	106	106					5.6E-02		3.4E-05	5.7E-02
7440-02-0	Nickel Soluble Salts	10.4	10.4	10.4			1.6E-11	1.6E-11	6.6E-03		1.7E-05	6.7E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.247	0.247	0.247	5.0E-09	1.4E-09	3.6E-15	6.4E-09	1.6E-04	3.7E-05		2.0E-04
56-55-3	~Benz[a]anthracene	0.141	0.141	0.141	9.2E-08	3.1E-08	1.8E-09	1.2E-07				
50-32-8	~Benzo[a]pyrene	0.122	0.122	0.122	8.0E-07	2.7E-07	1.2E-12	1.1E-06	5.2E-03	1.6E-03	9.9E-07	6.8E-03
205-99-2	~Benzo[b]fluoranthene	0.176	0.176	0.176	1.1E-07	3.8E-08	1.8E-13	1.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.0659	0.0659	0.0659	4.3E-09	1.4E-09	6.6E-15	5.7E-09				
218-01-9	~Chrysene	0.147	0.147	0.147	9.6E-10	3.2E-10	1.5E-15	1.3E-09				
206-44-0	~Fluoranthene	0.291	0.291	0.291					9.3E-05	2.9E-05		1.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0879	0.0879	0.0879	5.7E-08	1.9E-08	8.8E-14	7.7E-08				
129-00-0	~Pyrene	0.241	0.241	0.241					1.0E-04	3.2E-05		1.3E-04
7782-49-2	Selenium	0.422	0.422	0.422					1.1E-03		3.4E-10	1.1E-03
7440-22-4	Silver	0.0204	0.0204	0.0204					5.2E-05			5.2E-05
7440-62-2	Vanadium and Compounds	16.5	16.5	16.5					4.2E-02		2.7E-06	4.2E-02
7440-66-6	Zinc and Compounds	61.3	61.3	61.3					2.6E-03			2.6E-03
						Cumulative:		3.2E-06				3.4E-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-3 Risk Assessment, RI 11A

** - 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)	0.177	0.177	0.177					3.8E-04		2.3E-09	3.8E-04
7440-38-2	Arsenic, Inorganic	1.03	1.03	1.03	2.8E-07	6.0E-08	6.1E-12	3.4E-07	1.8E-03	3.7E-04	2.6E-07	2.1E-03
7440-39-3	Barium	25.2	25.2	25.2					1.1E-04		1.9E-07	1.1E-04
7440-41-7	Beryllium and compounds	0.213	0.213	0.213			7.0E-13	7.0E-13	9.1E-05		4.1E-08	9.1E-05
7440-43-9	Cadmium (Diet)	0.137	0.137	0.137			3.4E-13	3.4E-13	1.2E-03	2.0E-04	5.3E-08	1.4E-03
105-60-2	Caprolactam	0.137	0.137	0.137					2.3E-07	9.9E-08	2.4E-10	3.3E-07
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					8.7E-06			8.7E-06
18540-29-9	Chromium(VI)	0.198	0.198	0.198	9.7E-09		3.0E-12	9.7E-09	1.9E-04		2.5E-08	1.9E-04
7440-48-4	Cobalt	3.68	3.68	3.68			4.6E-11	4.6E-11	1.1E-02		2.4E-06	1.1E-02
7440-50-8	Copper	23.2	23.2	23.2					5.0E-04			5.0E-04
123-91-1	Dioxane, 1,4-	0.00904	0.00904	0.00904	2.8E-10		8.7E-11	3.6E-10	2.6E-07		1.6E-06	1.9E-06
7439-92-1	~Lead and Compounds	26.3	26.3	26.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	106	106	106					3.8E-03		8.2E-06	3.8E-03
7440-02-0	Nickel Soluble Salts	10.4	10.4	10.4			3.7E-12	3.7E-12	4.5E-04		4.0E-06	4.5E-04
117-81-7	~Bis(2-ethylhexyl)phthalate	0.247	0.247	0.247	1.1E-09	4.5E-10	8.1E-16	1.5E-09	1.1E-05	4.5E-06		1.5E-05
56-55-3	~Benz[a]anthracene	0.141	0.141	0.141	4.3E-09	2.4E-09	1.5E-10	6.8E-09				
50-32-8	~Benzo[a]pyrene	0.122	0.122	0.122	3.7E-08	2.1E-08	1.0E-13	5.8E-08	3.5E-04	1.9E-04	2.3E-07	5.4E-04
205-99-2	~Benzo[b]fluoranthene	0.176	0.176	0.176	5.4E-09	3.0E-09	1.5E-14	8.3E-09				
207-08-9	~Benzo[k]fluoranthene	0.0659	0.0659	0.0659	2.0E-10	1.1E-10	5.4E-16	3.1E-10				
218-01-9	~Chrysene	0.147	0.147	0.147	4.5E-11	2.5E-11	1.2E-16	7.0E-11				
206-44-0	~Fluoranthene	0.291	0.291	0.291					6.2E-06	3.4E-06		9.7E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0879	0.0879	0.0879	2.7E-09	1.5E-09	7.2E-15	4.2E-09				
129-00-0	~Pyrene	0.241	0.241	0.241					6.9E-06	3.8E-06		1.1E-05
7782-49-2	Selenium	0.422	0.422	0.422					7.2E-05		8.1E-11	7.2E-05
7440-22-4	Silver	0.0204	0.0204	0.0204					3.5E-06			3.5E-06
7440-62-2	Vanadium and Compounds	16.5	16.5	16.5					2.8E-03		6.3E-07	2.8E-03
7440-66-6	Zinc and Compounds	61.3	61.3	61.3					1.7E-04			1.7E-04
						Cumulative:		4.3E-07				2.3E-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, RI 11A

** - 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)	0.177	0.177	0.177					2.4E-03		3.4E-10	2.4E-03
7440-38-2	Arsenic, Inorganic	1.03	1.03	1.03	5.7E-07	8.0E-08	9.5E-13	6.5E-07	1.1E-02	1.3E-03	4.0E-08	1.3E-02
7440-39-3	Barium	25.2	25.2	25.2					6.9E-04		2.9E-08	6.9E-04
7440-41-7	Beryllium and compounds	0.213	0.213	0.213			1.1E-13	1.1E-13	5.8E-04		6.1E-09	5.8E-04
7440-43-9	Cadmium (Diet)	0.137	0.137	0.137			5.3E-14	5.3E-14	7.5E-03	7.1E-04	7.9E-09	8.2E-03
105-60-2	Caprolactam	0.137	0.137	0.137					1.5E-06	3.6E-07	3.6E-11	1.9E-06
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					5.6E-05			5.6E-05
18540-29-9	Chromium(VI)	0.198	0.198	0.198	8.9E-08		1.3E-12	8.9E-08	1.2E-03		3.8E-09	1.2E-03
7440-48-4	Cobalt	3.68	3.68	3.68			7.1E-12	7.1E-12	6.7E-02		3.5E-07	6.7E-02
7440-50-8	Copper	23.2	23.2	23.2					3.2E-03			3.2E-03
123-91-1	Dioxane, 1,4-	0.00904	0.00904	0.00904	5.6E-10		1.4E-11	5.7E-10	1.7E-06		2.4E-07	1.9E-06
7439-92-1	~Lead and Compounds	26.3	26.3	26.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	106	106	106					2.4E-02		1.2E-06	2.4E-02
7440-02-0	Nickel Soluble Salts	10.4	10.4	10.4			5.8E-13	5.8E-13	2.8E-03		6.0E-07	2.8E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.247	0.247	0.247	2.1E-09	6.0E-10	1.3E-16	2.7E-09	6.8E-05	1.6E-05		8.4E-05
56-55-3	~Benz[a]anthracene	0.141	0.141	0.141	3.9E-08	1.3E-08	6.4E-11	5.3E-08				
50-32-8	~Benzo[a]pyrene	0.122	0.122	0.122	3.4E-07	1.1E-07	4.3E-14	4.6E-07	2.2E-03	6.9E-04	3.5E-08	2.9E-03
205-99-2	~Benzo[b]fluoranthene	0.176	0.176	0.176	4.9E-08	1.6E-08	6.3E-15	6.6E-08				
207-08-9	~Benzo[k]fluoranthene	0.0659	0.0659	0.0659	1.8E-09	6.2E-10	2.3E-16	2.5E-09				
218-01-9	~Chrysene	0.147	0.147	0.147	4.1E-10	1.4E-10	5.2E-17	5.5E-10				
206-44-0	~Fluoranthene	0.291	0.291	0.291					4.0E-05	1.2E-05		5.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0879	0.0879	0.0879	2.5E-08	8.2E-09	3.1E-15	3.3E-08				
129-00-0	~Pyrene	0.241	0.241	0.241					4.4E-05	1.4E-05		5.8E-05
7782-49-2	Selenium	0.422	0.422	0.422					4.6E-04		1.2E-11	4.6E-04
7440-22-4	Silver	0.0204	0.0204	0.0204					2.2E-05			2.2E-05
7440-62-2	Vanadium and Compounds	16.5	16.5	16.5					1.8E-02		9.5E-08	1.8E-02
7440-66-6	Zinc and Compounds	61.3	61.3	61.3					1.1E-03			1.1E-03
						Cumulative:		1.4E-06				1.5E-01

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.2E-06	3.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.3E-07	2.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.4E-06	1.5E-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.

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 Risk Assessment, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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 Risk Assessment, RI 11A

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
0.175	J	7440-36-0	Antimony (metallic)			mg/kg	SED-4									
1.39		7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
19.5		7440-39-3	Barium			mg/kg	SED-4									
0.207	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.116	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4									
9.26		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-4									
3.88		7440-48-4	Cobalt			mg/kg	SED-4									
15.6	B	7440-50-8	Copper			mg/kg	SED-4									
29.7		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
92.7		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
11.6		7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
0.159	J B *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-4									
0.0627	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.0552	J	218-01-9	~Chrysene			mg/kg	SED-4									
0.0868	J	206-44-0	~Fluoranthene			mg/kg	SED-4									
0.0933	J	129-00-0	~Pyrene			mg/kg	SED-4									
0.408	J	7782-49-2	Selenium			mg/kg	SED-4									
0.0117	J	7440-22-4	Silver			mg/kg	SED-4									
0.0293	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-4									
11.8		7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
65.1		7440-66-6	Zinc and Compounds			mg/kg	SED-4									

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 Risk Assessment, RI 11A

** - 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)	0.175	0.175	0.175					5.6E-03		9.4E-09	5.6E-03
7440-38-2	Arsenic, Inorganic	1.39	1.39	1.39	**1.8E-06**	2.5E-07	3.6E-11	2.1E-06	3.6E-02	4.2E-03	1.5E-06	4.0E-02
7440-39-3	Barium	19.5	19.5	19.5					1.2E-03		6.3E-07	1.2E-03
7440-41-7	Beryllium and compounds	0.207	0.207	0.207			3.0E-12	3.0E-12	1.3E-03		1.7E-07	1.3E-03
7440-43-9	Cadmium (Diet)	0.116	0.116	0.116			1.3E-12	1.3E-12	1.5E-02	1.4E-03	1.9E-07	1.6E-02
16065-83-1	Chromium(III), Insoluble Salts	9.26	9.26	9.26					7.9E-05			7.9E-05
7440-48-4	Cobalt	3.88	3.88	3.88			2.1E-10	2.1E-10	1.7E-01		1.0E-05	1.7E-01
7440-50-8	Copper	15.6	15.6	15.6					5.0E-03			5.0E-03
7439-92-1	~Lead and Compounds	29.7	29.7	29.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	92.7	92.7	92.7					4.9E-02		3.0E-05	4.9E-02
7440-02-0	Nickel Soluble Salts	11.6	11.6	11.6			1.8E-11	1.8E-11	7.4E-03		1.9E-05	7.4E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.159	0.159	0.159	3.2E-09	9.0E-10	2.3E-15	4.1E-09	1.0E-04	2.4E-05		1.3E-04
205-99-2	~Benzo[b]fluoranthene	0.0627	0.0627	0.0627	4.1E-08	1.4E-08	6.3E-14	5.5E-08				
218-01-9	~Chrysene	0.0552	0.0552	0.0552	3.6E-10	1.2E-10	5.5E-16	4.8E-10				
206-44-0	~Fluoranthene	0.0868	0.0868	0.0868					2.8E-05	8.6E-06		3.6E-05
129-00-0	~Pyrene	0.0933	0.0933	0.0933					4.0E-05	1.2E-05		5.2E-05
7782-49-2	Selenium	0.408	0.408	0.408					1.0E-03		3.3E-10	1.0E-03
7440-22-4	Silver	0.0117	0.0117	0.0117					3.0E-05			3.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0293	0.0293	0.0293					3.7E-02			3.7E-02
7440-62-2	Vanadium and Compounds	11.8	11.8	11.8					3.0E-02		1.9E-06	3.0E-02
7440-66-6	Zinc and Compounds	65.1	65.1	65.1					2.8E-03			2.8E-03
						Cumulative:		2.1E-06				3.6E-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 Risk Assessment, RI 11A

** - 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)	0.175	0.175	0.175					3.7E-04		2.2E-09	3.7E-04
7440-38-2	Arsenic, Inorganic	1.39	1.39	1.39	3.8E-07	8.1E-08	8.2E-12	4.6E-07	2.4E-03	5.0E-04	3.6E-07	2.9E-03
7440-39-3	Barium	19.5	19.5	19.5					8.3E-05		1.5E-07	8.4E-05
7440-41-7	Beryllium and compounds	0.207	0.207	0.207			6.8E-13	6.8E-13	8.9E-05		4.0E-08	8.9E-05
7440-43-9	Cadmium (Diet)	0.116	0.116	0.116			2.9E-13	2.9E-13	9.9E-04	1.7E-04	4.5E-08	1.2E-03
16065-83-1	Chromium(III), Insoluble Salts	9.26	9.26	9.26					5.3E-06			5.3E-06
7440-48-4	Cobalt	3.88	3.88	3.88			4.8E-11	4.8E-11	1.1E-02		2.5E-06	1.1E-02
7440-50-8	Copper	15.6	15.6	15.6					3.3E-04			3.3E-04
7439-92-1	~Lead and Compounds	29.7	29.7	29.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	92.7	92.7	92.7					3.3E-03		7.1E-06	3.3E-03
7440-02-0	Nickel Soluble Salts	11.6	11.6	11.6			4.1E-12	4.1E-12	5.0E-04		4.5E-06	5.0E-04
117-81-7	~Bis(2-ethylhexyl)phthalate	0.159	0.159	0.159	6.8E-10	2.9E-10	5.2E-16	9.7E-10	6.8E-06	2.9E-06		9.7E-06
205-99-2	~Benzo[b]fluoranthene	0.0627	0.0627	0.0627	1.9E-09	1.1E-09	5.2E-15	3.0E-09				
218-01-9	~Chrysene	0.0552	0.0552	0.0552	1.7E-11	9.3E-12	4.6E-17	2.6E-11				
206-44-0	~Fluoranthene	0.0868	0.0868	0.0868					1.9E-06	1.0E-06		2.9E-06
129-00-0	~Pyrene	0.0933	0.0933	0.0933					2.7E-06	1.5E-06		4.1E-06
7782-49-2	Selenium	0.408	0.408	0.408					7.0E-05		7.9E-11	7.0E-05
7440-22-4	Silver	0.0117	0.0117	0.0117					2.0E-06			2.0E-06
7440-28-0	Thallium (Soluble Salts)	0.0293	0.0293	0.0293					2.5E-03			2.5E-03
7440-62-2	Vanadium and Compounds	11.8	11.8	11.8					2.0E-03		4.5E-07	2.0E-03
7440-66-6	Zinc and Compounds	65.1	65.1	65.1					1.9E-04			1.9E-04
						Cumulative:		4.7E-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-4 Risk Assessment, RI 11A

** - 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)	0.175	0.175	0.175					2.4E-03		3.4E-10	2.4E-03
7440-38-2	Arsenic, Inorganic	1.39	1.39	1.39	7.7E-07	1.1E-07	1.3E-12	8.8E-07	1.5E-02	1.8E-03	5.3E-08	1.7E-02
7440-39-3	Barium	19.5	19.5	19.5					5.3E-04		2.3E-08	5.3E-04
7440-41-7	Beryllium and compounds	0.207	0.207	0.207			1.1E-13	1.1E-13	5.7E-04		6.0E-09	5.7E-04
7440-43-9	Cadmium (Diet)	0.116	0.116	0.116			4.5E-14	4.5E-14	6.4E-03	6.0E-04	6.7E-09	7.0E-03
16065-83-1	Chromium(III), Insoluble Salts	9.26	9.26	9.26					3.4E-05			3.4E-05
7440-48-4	Cobalt	3.88	3.88	3.88			7.5E-12	7.5E-12	7.1E-02		3.7E-07	7.1E-02
7440-50-8	Copper	15.6	15.6	15.6					2.1E-03			2.1E-03
7439-92-1	~Lead and Compounds	29.7	29.7	29.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	92.7	92.7	92.7					2.1E-02		1.1E-06	2.1E-02
7440-02-0	Nickel Soluble Salts	11.6	11.6	11.6			6.5E-13	6.5E-13	3.2E-03		6.7E-07	3.2E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.159	0.159	0.159	1.4E-09	3.9E-10	8.2E-17	1.8E-09	4.4E-05	1.0E-05		5.4E-05
205-99-2	~Benzo[b]fluoranthene	0.0627	0.0627	0.0627	1.8E-08	5.9E-09	2.2E-15	2.3E-08				
218-01-9	~Chrysene	0.0552	0.0552	0.0552	1.5E-10	5.2E-11	2.0E-17	2.1E-10				
206-44-0	~Fluoranthene	0.0868	0.0868	0.0868					1.2E-05	3.7E-06		1.6E-05
129-00-0	~Pyrene	0.0933	0.0933	0.0933					1.7E-05	5.3E-06		2.2E-05
7782-49-2	Selenium	0.408	0.408	0.408					4.5E-04		1.2E-11	4.5E-04
7440-22-4	Silver	0.0117	0.0117	0.0117					1.3E-05			1.3E-05
7440-28-0	Thallium (Soluble Salts)	0.0293	0.0293	0.0293					1.6E-02			1.6E-02
7440-62-2	Vanadium and Compounds	11.8	11.8	11.8					1.3E-02		6.8E-08	1.3E-02
7440-66-6	Zinc and Compounds	65.1	65.1	65.1					1.2E-03			1.2E-03
						Cumulative:		9.1E-07				1.6E-01

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 Risk Assessment, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.1E-06	3.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.7E-07	2.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	9.1E-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.

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 Risk Assessment, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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 Risk Assessment, RI 11A

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
0.684	J	7440-36-0	Antimony (metallic)			mg/kg	SED-5									
3.28		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
64.5		7440-39-3	Barium			mg/kg	SED-5									
0.218	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.277	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
13.9		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
4.04		7440-48-4	Cobalt			mg/kg	SED-5									
50.9	B	7440-50-8	Copper			mg/kg	SED-5									
0.1	J *+	132-64-9	~Dibenzofuran			mg/kg	SED-5									
105		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
132		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
12.6		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
1.32	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5									
0.229	J B *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-5									
0.281	J	83-32-9	~Acenaphthene			mg/kg	SED-5									
0.388	J	120-12-7	~Anthracene			mg/kg	SED-5									
0.974		56-55-3	~Benz[a]anthracene			mg/kg	SED-5									
0.874		50-32-8	~Benzo[a]pyrene			mg/kg	SED-5									
1.16		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.412	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-5									
0.91		218-01-9	~Chrysene			mg/kg	SED-5									
0.141	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-5									
2.1		206-44-0	~Fluoranthene			mg/kg	SED-5									
0.171	J	86-73-7	~Fluorene			mg/kg	SED-5									
0.6		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-5									
0.07	J	91-20-3	~Naphthalene			mg/kg	SED-5									
1.71		129-00-0	~Pyrene			mg/kg	SED-5									
0.541	J	7782-49-2	Selenium			mg/kg	SED-5									
0.0323	J	7440-22-4	Silver			mg/kg	SED-5									
14.4		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
154		7440-66-6	Zinc and Compounds			mg/kg	SED-5									

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 Risk Assessment, RI 11A

** - 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)	0.684	0.684	0.684					2.2E-02		3.7E-08	2.2E-02
7440-38-2	Arsenic, Inorganic	3.28	3.28	3.28	**4.2E-06**	6.0E-07	8.5E-11	4.8E-06	8.4E-02	1.0E-02	3.5E-06	9.4E-02
7440-39-3	Barium	64.5	64.5	64.5					4.1E-03		2.1E-06	4.1E-03
7440-41-7	Beryllium and compounds	0.218	0.218	0.218			3.1E-12	3.1E-12	1.4E-03		1.8E-07	1.4E-03
7440-43-9	Cadmium (Diet)	0.277	0.277	0.277			3.0E-12	3.0E-12	3.5E-02	3.4E-03	4.5E-07	3.9E-02
16065-83-1	Chromium(III), Insoluble Salts	13.9	13.9	13.9					1.2E-04			1.2E-04
7440-48-4	Cobalt	4.04	4.04	4.04			2.2E-10	2.2E-10	1.7E-01		1.1E-05	1.7E-01
7440-50-8	Copper	50.9	50.9	50.9					1.6E-02			1.6E-02
132-64-9	~Dibenzofuran	0.1	0.1	0.1					1.3E-03			1.3E-03
7439-92-1	~Lead and Compounds	105	105	105					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	132	132	132					7.0E-02		4.3E-05	7.0E-02
7440-02-0	Nickel Soluble Salts	12.6	12.6	12.6			2.0E-11	2.0E-11	8.1E-03		2.0E-05	8.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1.32	1.32	1.32					1.1E-05			1.1E-05
117-81-7	~Bis(2-ethylhexyl)phthalate	0.229	0.229	0.229	4.6E-09	1.3E-09	3.3E-15	5.9E-09	1.5E-04	3.5E-05		1.8E-04
83-32-9	~Acenaphthene	0.281	0.281	0.281					6.0E-05	1.8E-05		7.8E-05
120-12-7	~Anthracene	0.388	0.388	0.388					1.7E-05	5.1E-06		2.2E-05
56-55-3	~Benz[a]anthracene	0.974	0.974	0.974	6.4E-07	2.1E-07	1.2E-08	8.6E-07				
50-32-8	~Benzo[a]pyrene	0.874	0.874	0.874	**5.7E-06**	**1.9E-06**	8.7E-12	7.6E-06	3.7E-02	1.1E-02	7.1E-06	4.9E-02
205-99-2	~Benzo[b]fluoranthene	1.16	1.16	1.16	7.6E-07	2.5E-07	1.2E-12	1.0E-06				
207-08-9	~Benzo[k]fluoranthene	0.412	0.412	0.412	2.7E-08	9.0E-09	4.1E-14	3.6E-08				
218-01-9	~Chrysene	0.91	0.91	0.91	5.9E-09	2.0E-09	9.1E-15	7.9E-09				
53-70-3	~Dibenz[a,h]anthracene	0.141	0.141	0.141	9.2E-07	3.1E-07	1.4E-12	1.2E-06				
206-44-0	~Fluoranthene	2.1	2.1	2.1					6.7E-04	2.1E-04		8.8E-04
86-73-7	~Fluorene	0.171	0.171	0.171					5.5E-05	1.7E-05		7.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.6	0.6	0.6	3.9E-07	1.3E-07	6.0E-13	5.2E-07				
91-20-3	~Naphthalene	0.07	0.07	0.07	1.2E-08	4.4E-09	1.7E-08	3.4E-08	4.5E-05	1.4E-05	4.5E-04	5.1E-04
129-00-0	~Pyrene	1.71	1.71	1.71					7.3E-04	2.2E-04		9.5E-04
7782-49-2	Selenium	0.541	0.541	0.541					1.4E-03		4.4E-10	1.4E-03
7440-22-4	Silver	0.0323	0.0323	0.0323					8.3E-05			8.3E-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	154	154	154					6.6E-03			6.6E-03
						Cumulative:		1.6E-05				5.2E-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 Risk Assessment, RI 11A

** - 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)	0.684	0.684	0.684					1.5E-03		8.8E-09	1.5E-03
7440-38-2	Arsenic, Inorganic	3.28	3.28	3.28	9.0E-07	1.9E-07	1.9E-11	**1.1E-06**	5.6E-03	1.2E-03	8.4E-07	6.8E-03
7440-39-3	Barium	64.5	64.5	64.5					2.8E-04		5.0E-07	2.8E-04
7440-41-7	Beryllium and compounds	0.218	0.218	0.218			7.2E-13	7.2E-13	9.3E-05		4.2E-08	9.3E-05
7440-43-9	Cadmium (Diet)	0.277	0.277	0.277			6.9E-13	6.9E-13	2.4E-03	4.0E-04	1.1E-07	2.8E-03
16065-83-1	Chromium(III), Insoluble Salts	13.9	13.9	13.9					7.9E-06			7.9E-06
7440-48-4	Cobalt	4.04	4.04	4.04			5.0E-11	5.0E-11	1.2E-02		2.6E-06	1.2E-02
7440-50-8	Copper	50.9	50.9	50.9					1.1E-03			1.1E-03
132-64-9	~Dibenzofuran	0.1	0.1	0.1					8.6E-05			8.6E-05
7439-92-1	~Lead and Compounds	105	105	105					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	132	132	132					4.7E-03		1.0E-05	4.7E-03
7440-02-0	Nickel Soluble Salts	12.6	12.6	12.6			4.5E-12	4.5E-12	5.4E-04		4.8E-06	5.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.32	1.32	1.32					7.1E-07			7.1E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.229	0.229	0.229	9.8E-10	4.1E-10	7.6E-16	1.4E-09	9.8E-06	4.1E-06		1.4E-05
83-32-9	~Acenaphthene	0.281	0.281	0.281					4.0E-06	2.2E-06		6.2E-06
120-12-7	~Anthracene	0.388	0.388	0.388					1.1E-06	6.1E-07		1.7E-06
56-55-3	~Benz[a]anthracene	0.974	0.974	0.974	3.0E-08	1.6E-08	1.0E-09	4.7E-08				
50-32-8	~Benzo[a]pyrene	0.874	0.874	0.874	2.7E-07	1.5E-07	7.2E-13	4.1E-07	2.5E-03	1.4E-03	1.7E-06	3.9E-03
205-99-2	~Benzo[b]fluoranthene	1.16	1.16	1.16	3.5E-08	2.0E-08	9.6E-14	5.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.412	0.412	0.412	1.3E-09	6.9E-10	3.4E-15	2.0E-09				
218-01-9	~Chrysene	0.91	0.91	0.91	2.8E-10	1.5E-10	7.5E-16	4.3E-10				
53-70-3	~Dibenz[a,h]anthracene	0.141	0.141	0.141	4.3E-08	2.4E-08	1.2E-13	6.7E-08				
206-44-0	~Fluoranthene	2.1	2.1	2.1					4.5E-05	2.5E-05		7.0E-05
86-73-7	~Fluorene	0.171	0.171	0.171					3.7E-06	2.0E-06		5.7E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.6	0.6	0.6	1.8E-08	1.0E-08	4.9E-14	2.8E-08				
91-20-3	~Naphthalene	0.07	0.07	0.07	2.6E-09	1.4E-09	3.9E-09	7.9E-09	3.0E-06	1.6E-06	1.1E-04	1.1E-04
129-00-0	~Pyrene	1.71	1.71	1.71					4.9E-05	2.7E-05		7.6E-05
7782-49-2	Selenium	0.541	0.541	0.541					9.3E-05		1.0E-10	9.3E-05
7440-22-4	Silver	0.0323	0.0323	0.0323					5.5E-06			5.5E-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	154	154	154					4.4E-04			4.4E-04
						Cumulative:		1.7E-06				3.7E-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-5 Risk Assessment, RI 11A

** - 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)	0.684	0.684	0.684					9.4E-03		1.3E-09	9.4E-03
7440-38-2	Arsenic, Inorganic	3.28	3.28	3.28	**1.8E-06**	2.6E-07	3.0E-12	**2.1E-06**	3.6E-02	4.3E-03	1.3E-07	4.0E-02
7440-39-3	Barium	64.5	64.5	64.5					1.8E-03		7.4E-08	1.8E-03
7440-41-7	Beryllium and compounds	0.218	0.218	0.218			1.1E-13	1.1E-13	6.0E-04		6.3E-09	6.0E-04
7440-43-9	Cadmium (Diet)	0.277	0.277	0.277			1.1E-13	1.1E-13	1.5E-02	1.4E-03	1.6E-08	1.7E-02
16065-83-1	Chromium(III), Insoluble Salts	13.9	13.9	13.9					5.1E-05			5.1E-05
7440-48-4	Cobalt	4.04	4.04	4.04			7.8E-12	7.8E-12	7.4E-02		3.9E-07	7.4E-02
7440-50-8	Copper	50.9	50.9	50.9					7.0E-03			7.0E-03
132-64-9	~Dibenzofuran	0.1	0.1	0.1					5.5E-04			5.5E-04
7439-92-1	~Lead and Compounds	105	105	105					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	132	132	132					3.0E-02		1.5E-06	3.0E-02
7440-02-0	Nickel Soluble Salts	12.6	12.6	12.6			7.0E-13	7.0E-13	3.5E-03		7.3E-07	3.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.32	1.32	1.32					4.5E-06			4.5E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.229	0.229	0.229	2.0E-09	5.6E-10	1.2E-16	2.5E-09	6.3E-05	1.5E-05		7.8E-05
83-32-9	~Acenaphthene	0.281	0.281	0.281					2.6E-05	7.9E-06		3.4E-05
120-12-7	~Anthracene	0.388	0.388	0.388					7.1E-06	2.2E-06		9.3E-06
56-55-3	~Benz[a]anthracene	0.974	0.974	0.974	2.7E-07	9.1E-08	4.4E-10	3.6E-07				
50-32-8	~Benzo[a]pyrene	0.874	0.874	0.874	**2.4E-06**	8.2E-07	3.1E-13	**3.3E-06**	1.6E-02	4.9E-03	2.5E-07	2.1E-02
205-99-2	~Benzo[b]fluoranthene	1.16	1.16	1.16	3.2E-07	1.1E-07	4.1E-14	4.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.412	0.412	0.412	1.2E-08	3.8E-09	1.5E-15	1.5E-08				
218-01-9	~Chrysene	0.91	0.91	0.91	2.5E-09	8.5E-10	3.2E-16	3.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.141	0.141	0.141	3.9E-07	1.3E-07	5.0E-14	5.3E-07				
206-44-0	~Fluoranthene	2.1	2.1	2.1					2.9E-04	8.9E-05		3.8E-04
86-73-7	~Fluorene	0.171	0.171	0.171					2.3E-05	7.2E-06		3.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.6	0.6	0.6	1.7E-07	5.6E-08	2.1E-14	2.2E-07				
91-20-3	~Naphthalene	0.07	0.07	0.07	5.2E-09	1.9E-09	6.1E-10	7.7E-09	1.9E-05	5.9E-06	1.6E-05	4.1E-05
129-00-0	~Pyrene	1.71	1.71	1.71					3.1E-04	9.6E-05		4.1E-04
7782-49-2	Selenium	0.541	0.541	0.541					5.9E-04		1.6E-11	5.9E-04
7440-22-4	Silver	0.0323	0.0323	0.0323					3.5E-05			3.5E-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	154	154	154					2.8E-03			2.8E-03
						Cumulative:		6.9E-06				2.2E-01

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 Risk Assessment, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.6E-05	5.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.7E-06	3.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.9E-06	2.2E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP taken at SED-6. Highest concentration taken between the two.

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
2.36		7440-36-0	Antimony (metallic)			mg/kg	SED-DUP									
9.78		7440-38-2	Arsenic, Inorganic			mg/kg	SED-DUP									
28.3		7440-39-3	Barium			mg/kg	SED-DUP									
0.181	J	7440-41-7	Beryllium and compounds			mg/kg	SED-DUP									
0.222	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-DUP									
28.2		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-DUP									
6.12		7440-48-4	Cobalt			mg/kg	SED-DUP									
89.3	B	7440-50-8	Copper			mg/kg	SED-DUP									
0.0077		123-91-1	Dioxane, 1,4-			mg/kg	SED-6									
973		7439-92-1	~Lead and Compounds			mg/kg	SED-DUP									
224		7439-96-5	Manganese (Non-diet)			mg/kg	SED-DUP									
26.5		7440-02-0	Nickel Soluble Salts			mg/kg	SED-DUP									
0.168	J B *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-6									
0.309	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-DUP									
0.307	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-DUP									
0.491	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-DUP									
0.155	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-DUP									
0.358	J	218-01-9	~Chrysene			mg/kg	SED-DUP									
0.738		206-44-0	~Fluoranthene			mg/kg	SED-DUP									
0.241	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-DUP									
0.546		129-00-0	~Pyrene			mg/kg	SED-DUP									
0.348	J	7782-49-2	Selenium			mg/kg	SED-DUP									
0.117	J	7440-22-4	Silver			mg/kg	SED-DUP									
14.8		7440-62-2	Vanadium and Compounds			mg/kg	SED-DUP									
165		7440-66-6	Zinc and Compounds			mg/kg	SED-DUP									

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, RI 11A

** - 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)	2.36	2.36	2.36					7.5E-02		1.3E-07	7.5E-02
7440-38-2	Arsenic, Inorganic	9.78	9.78	9.78	**1.3E-05**	**1.8E-06**	2.5E-10	1.4E-05	**2.5E-01**	3.0E-02	1.1E-05	**2.8E-01**
7440-39-3	Barium	28.3	28.3	28.3					1.8E-03		9.1E-07	1.8E-03
7440-41-7	Beryllium and compounds	0.181	0.181	0.181			2.6E-12	2.6E-12	1.2E-03		1.5E-07	1.2E-03
7440-43-9	Cadmium (Diet)	0.222	0.222	0.222			2.4E-12	2.4E-12	2.8E-02	2.7E-03	3.6E-07	3.1E-02
16065-83-1	Chromium(III), Insoluble Salts	28.2	28.2	28.2					2.4E-04			2.4E-04
7440-48-4	Cobalt	6.12	6.12	6.12			3.3E-10	3.3E-10	**2.6E-01**		1.6E-05	**2.6E-01**
7440-50-8	Copper	89.3	89.3	89.3					2.9E-02			2.9E-02
123-91-1	Dioxane, 1,4-	0.0077	0.0077	0.0077	1.1E-09		3.3E-10	1.4E-09	3.3E-06		5.8E-06	9.1E-06
7439-92-1	~Lead and Compounds	973	973	973					**>SL****	**>SL****	**>SL****	
7439-96-5	Manganese (Non-diet)	224	224	224					1.2E-01		7.2E-05	1.2E-01
7440-02-0	Nickel Soluble Salts	26.5	26.5	26.5			4.1E-11	4.1E-11	1.7E-02		4.3E-05	1.7E-02
117-81-7	~Bis(2-ethylhexyl)phthalate	0.168	0.168	0.168	3.4E-09	9.5E-10	2.4E-15	4.3E-09	1.1E-04	2.5E-05		1.3E-04
56-55-3	~Benz[a]anthracene	0.309	0.309	0.309	2.0E-07	6.7E-08	3.9E-09	2.7E-07				
50-32-8	~Benzo[a]pyrene	0.307	0.307	0.307	**2.0E-06**	6.7E-07	3.1E-12	2.7E-06	1.3E-02	4.0E-03	2.5E-06	1.7E-02
205-99-2	~Benzo[b]fluoranthene	0.491	0.491	0.491	3.2E-07	1.1E-07	4.9E-13	4.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.155	0.155	0.155	1.0E-08	3.4E-09	1.5E-14	1.3E-08				
218-01-9	~Chrysene	0.358	0.358	0.358	2.3E-09	7.8E-10	3.6E-15	3.1E-09				
206-44-0	~Fluoranthene	0.738	0.738	0.738					2.4E-04	7.3E-05		3.1E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.241	0.241	0.241	1.6E-07	5.3E-08	2.4E-13	2.1E-07				
129-00-0	~Pyrene	0.546	0.546	0.546					2.3E-04	7.2E-05		3.0E-04
7782-49-2	Selenium	0.348	0.348	0.348					8.9E-04		2.8E-10	8.9E-04
7440-22-4	Silver	0.117	0.117	0.117					3.0E-04			3.0E-04
7440-62-2	Vanadium and Compounds	14.8	14.8	14.8					3.8E-02		2.4E-06	3.8E-02
7440-66-6	Zinc and Compounds	165	165	165					7.0E-03			7.0E-03
						Cumulative:		1.8E-05				8.8E-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, RI 11A

** - 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)	2.36	2.36	2.36					5.1E-03		3.0E-08	5.1E-03
7440-38-2	Arsenic, Inorganic	9.78	9.78	9.78	**2.7E-06**	5.7E-07	5.8E-11	**3.3E-06**	1.7E-02	3.5E-03	2.5E-06	2.0E-02
7440-39-3	Barium	28.3	28.3	28.3					1.2E-04		2.2E-07	1.2E-04
7440-41-7	Beryllium and compounds	0.181	0.181	0.181			6.0E-13	6.0E-13	7.7E-05		3.5E-08	7.8E-05
7440-43-9	Cadmium (Diet)	0.222	0.222	0.222			5.5E-13	5.5E-13	1.9E-03	3.2E-04	8.5E-08	2.2E-03
16065-83-1	Chromium(III), Insoluble Salts	28.2	28.2	28.2					1.6E-05			1.6E-05
7440-48-4	Cobalt	6.12	6.12	6.12			7.6E-11	7.6E-11	1.7E-02		3.9E-06	1.7E-02
7440-50-8	Copper	89.3	89.3	89.3					1.9E-03			1.9E-03
123-91-1	Dioxane, 1,4-	0.0077	0.0077	0.0077	2.4E-10		7.4E-11	3.1E-10	2.2E-07		1.4E-06	1.6E-06
7439-92-1	~Lead and Compounds	973	973	973					**>SL****	**>SL****	**>SL****	
7439-96-5	Manganese (Non-diet)	224	224	224					8.0E-03		1.7E-05	8.0E-03
7440-02-0	Nickel Soluble Salts	26.5	26.5	26.5			9.5E-12	9.5E-12	1.1E-03		1.0E-05	1.1E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.168	0.168	0.168	7.2E-10	3.0E-10	5.5E-16	1.0E-09	7.2E-06	3.0E-06		1.0E-05
56-55-3	~Benz[a]anthracene	0.309	0.309	0.309	9.4E-09	5.2E-09	3.2E-10	1.5E-08				
50-32-8	~Benzo[a]pyrene	0.307	0.307	0.307	9.4E-08	5.2E-08	2.5E-13	1.5E-07	8.8E-04	4.8E-04	5.9E-07	1.4E-03
205-99-2	~Benzo[b]fluoranthene	0.491	0.491	0.491	1.5E-08	8.3E-09	4.0E-14	2.3E-08				
207-08-9	~Benzo[k]fluoranthene	0.155	0.155	0.155	4.7E-10	2.6E-10	1.3E-15	7.3E-10				
218-01-9	~Chrysene	0.358	0.358	0.358	1.1E-10	6.0E-11	3.0E-16	1.7E-10				
206-44-0	~Fluoranthene	0.738	0.738	0.738					1.6E-05	8.7E-06		2.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.241	0.241	0.241	7.4E-09	4.1E-09	2.0E-14	1.1E-08				
129-00-0	~Pyrene	0.546	0.546	0.546					1.6E-05	8.6E-06		2.4E-05
7782-49-2	Selenium	0.348	0.348	0.348					6.0E-05		6.7E-11	6.0E-05
7440-22-4	Silver	0.117	0.117	0.117					2.0E-05			2.0E-05
7440-62-2	Vanadium and Compounds	14.8	14.8	14.8					2.5E-03		5.7E-07	2.5E-03
7440-66-6	Zinc and Compounds	165	165	165					4.7E-04			4.7E-04
						Cumulative:		3.5E-06				6.1E-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-6 Risk Assessment, RI 11A

** - 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)	2.36	2.36	2.36					3.2E-02		4.5E-09	3.2E-02
7440-38-2	Arsenic, Inorganic	9.78	9.78	9.78	**5.4E-06**	7.6E-07	9.0E-12	**6.2E-06**	1.1E-01	1.3E-02	3.8E-07	1.2E-01
7440-39-3	Barium	28.3	28.3	28.3					7.8E-04		3.3E-08	7.8E-04
7440-41-7	Beryllium and compounds	0.181	0.181	0.181			9.3E-14	9.3E-14	5.0E-04		5.2E-09	5.0E-04
7440-43-9	Cadmium (Diet)	0.222	0.222	0.222			8.6E-14	8.6E-14	1.2E-02	1.2E-03	1.3E-08	1.3E-02
16065-83-1	Chromium(III), Insoluble Salts	28.2	28.2	28.2					1.0E-04			1.0E-04
7440-48-4	Cobalt	6.12	6.12	6.12			1.2E-11	1.2E-11	1.1E-01		5.9E-07	1.1E-01
7440-50-8	Copper	89.3	89.3	89.3					1.2E-02			1.2E-02
123-91-1	Dioxane, 1,4-	0.0077	0.0077	0.0077	4.7E-10		1.2E-11	4.9E-10	1.4E-06		2.1E-07	1.6E-06
7439-92-1	~Lead and Compounds	973	973	973					**>SL****	**>SL****	**>SL****	
7439-96-5	Manganese (Non-diet)	224	224	224					5.1E-02		2.6E-06	5.1E-02
7440-02-0	Nickel Soluble Salts	26.5	26.5	26.5			1.5E-12	1.5E-12	7.3E-03		1.5E-06	7.3E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.168	0.168	0.168	1.4E-09	4.1E-10	8.6E-17	1.9E-09	4.6E-05	1.1E-05		5.7E-05
56-55-3	~Benz[a]anthracene	0.309	0.309	0.309	8.6E-08	2.9E-08	1.4E-10	1.2E-07				
50-32-8	~Benzo[a]pyrene	0.307	0.307	0.307	8.6E-07	2.9E-07	1.1E-13	**1.1E-06**	5.6E-03	1.7E-03	8.9E-08	7.3E-03
205-99-2	~Benzo[b]fluoranthene	0.491	0.491	0.491	1.4E-07	4.6E-08	1.7E-14	1.8E-07				
207-08-9	~Benzo[k]fluoranthene	0.155	0.155	0.155	4.3E-09	1.4E-09	5.5E-16	5.8E-09				
218-01-9	~Chrysene	0.358	0.358	0.358	1.0E-09	3.3E-10	1.3E-16	1.3E-09				
206-44-0	~Fluoranthene	0.738	0.738	0.738					1.0E-04	3.1E-05		1.3E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.241	0.241	0.241	6.7E-08	2.3E-08	8.6E-15	9.0E-08				
129-00-0	~Pyrene	0.546	0.546	0.546					1.0E-04	3.1E-05		1.3E-04
7782-49-2	Selenium	0.348	0.348	0.348					3.8E-04		1.0E-11	3.8E-04
7440-22-4	Silver	0.117	0.117	0.117					1.3E-04			1.3E-04
7440-62-2	Vanadium and Compounds	14.8	14.8	14.8					1.6E-02		8.5E-08	1.6E-02
7440-66-6	Zinc and Compounds	165	165	165					3.0E-03			3.0E-03
						Cumulative:		7.7E-06				3.8E-01

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	1.8E-05	8.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.5E-06	6.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	7.7E-06	3.8E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

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
0.208	J F1	7440-36-0	Antimony (metallic)			mg/kg	SED-7									
0.932		7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
22.1		7440-39-3	Barium			mg/kg	SED-7									
0.148	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
0.128	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
5.55		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-7									
2.66		7440-48-4	Cobalt			mg/kg	SED-7									
10.9	F1 B	7440-50-8	Copper			mg/kg	SED-7									
30.7	F2	7439-92-1	~Lead and Compounds			mg/kg	SED-7									
62.5		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
8.17	F1	7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
1.09	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-7									
0.195	J B *+	117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-7									
0.102	J	120-12-7	~Anthracene			mg/kg	SED-7									
0.355	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-7									
0.351	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-7									
0.467		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
0.157	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-7									
0.341	J	218-01-9	~Chrysene			mg/kg	SED-7									
0.0571	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-7									
0.731		206-44-0	~Fluoranthene			mg/kg	SED-7									
0.0493	J	86-73-7	~Fluorene			mg/kg	SED-7									
0.252	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-7									
0.591		129-00-0	~Pyrene			mg/kg	SED-7									
0.196	J	7782-49-2	Selenium			mg/kg	SED-7									
0.0156	J	7440-22-4	Silver			mg/kg	SED-7									
12.4		7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
54.3		7440-66-6	Zinc and Compounds			mg/kg	SED-7									

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, RI 11A

** - 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)	0.208	0.208	0.208					6.6E-03		1.1E-08	6.6E-03
7440-38-2	Arsenic, Inorganic	0.932	0.932	0.932	**1.2E-06**	1.7E-07	2.4E-11	1.4E-06	2.4E-02	2.8E-03	1.0E-06	2.7E-02
7440-39-3	Barium	22.1	22.1	22.1					1.4E-03		7.1E-07	1.4E-03
7440-41-7	Beryllium and compounds	0.148	0.148	0.148			2.1E-12	2.1E-12	9.5E-04		1.2E-07	9.5E-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
16065-83-1	Chromium(III), Insoluble Salts	5.55	5.55	5.55					4.7E-05			4.7E-05
7440-48-4	Cobalt	2.66	2.66	2.66			1.4E-10	1.4E-10	1.1E-01		7.2E-06	1.1E-01
7440-50-8	Copper	10.9	10.9	10.9					3.5E-03			3.5E-03
7439-92-1	~Lead and Compounds	30.7	30.7	30.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	62.5	62.5	62.5					3.3E-02		2.0E-05	3.3E-02
7440-02-0	Nickel Soluble Salts	8.17	8.17	8.17			1.3E-11	1.3E-11	5.2E-03		1.3E-05	5.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.09	1.09	1.09					8.7E-06			8.7E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.195	0.195	0.195	3.9E-09	1.1E-09	2.8E-15	5.0E-09	1.2E-04	3.0E-05		1.5E-04
120-12-7	~Anthracene	0.102	0.102	0.102					4.3E-06	1.3E-06		5.7E-06
56-55-3	~Benz[a]anthracene	0.355	0.355	0.355	2.3E-07	7.7E-08	4.5E-09	3.1E-07				
50-32-8	~Benzo[a]pyrene	0.351	0.351	0.351	**2.3E-06**	7.6E-07	3.5E-12	3.1E-06	1.5E-02	4.6E-03	2.8E-06	2.0E-02
205-99-2	~Benzo[b]fluoranthene	0.467	0.467	0.467	3.0E-07	1.0E-07	4.7E-13	4.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.157	0.157	0.157	1.0E-08	3.4E-09	1.6E-14	1.4E-08				
218-01-9	~Chrysene	0.341	0.341	0.341	2.2E-09	7.4E-10	3.4E-15	3.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0571	0.0571	0.0571	3.7E-07	1.2E-07	5.7E-13	5.0E-07				
206-44-0	~Fluoranthene	0.731	0.731	0.731					2.3E-04	7.2E-05		3.1E-04
86-73-7	~Fluorene	0.0493	0.0493	0.0493					1.6E-05	4.9E-06		2.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.252	0.252	0.252	1.6E-07	5.5E-08	2.5E-13	2.2E-07				
129-00-0	~Pyrene	0.591	0.591	0.591					2.5E-04	7.8E-05		3.3E-04
7782-49-2	Selenium	0.196	0.196	0.196					5.0E-04		1.6E-10	5.0E-04
7440-22-4	Silver	0.0156	0.0156	0.0156					4.0E-05			4.0E-05
7440-62-2	Vanadium and Compounds	12.4	12.4	12.4					3.1E-02		2.0E-06	3.1E-02
7440-66-6	Zinc and Compounds	54.3	54.3	54.3					2.3E-03			2.3E-03
						Cumulative:		5.9E-06				2.6E-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, RI 11A

** - 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)	0.208	0.208	0.208					4.5E-04		2.7E-09	4.5E-04
7440-38-2	Arsenic, Inorganic	0.932	0.932	0.932	2.6E-07	5.4E-08	5.5E-12	3.1E-07	1.6E-03	3.4E-04	2.4E-07	1.9E-03
7440-39-3	Barium	22.1	22.1	22.1					9.5E-05		1.7E-07	9.5E-05
7440-41-7	Beryllium and compounds	0.148	0.148	0.148			4.9E-13	4.9E-13	6.3E-05		2.8E-08	6.3E-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
16065-83-1	Chromium(III), Insoluble Salts	5.55	5.55	5.55					3.2E-06			3.2E-06
7440-48-4	Cobalt	2.66	2.66	2.66			3.3E-11	3.3E-11	7.6E-03		1.7E-06	7.6E-03
7440-50-8	Copper	10.9	10.9	10.9					2.3E-04			2.3E-04
7439-92-1	~Lead and Compounds	30.7	30.7	30.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	62.5	62.5	62.5					2.2E-03		4.8E-06	2.2E-03
7440-02-0	Nickel Soluble Salts	8.17	8.17	8.17			2.9E-12	2.9E-12	3.5E-04		3.1E-06	3.5E-04
14797-55-8	Nitrate (measured as nitrogen)	1.09	1.09	1.09					5.8E-07			5.8E-07
117-81-7	~Bis(2-ethylhexyl)phthalate	0.195	0.195	0.195	8.3E-10	3.5E-10	6.4E-16	1.2E-09	8.3E-06	3.5E-06		1.2E-05
120-12-7	~Anthracene	0.102	0.102	0.102					2.9E-07	1.6E-07		4.5E-07
56-55-3	~Benz[a]anthracene	0.355	0.355	0.355	1.1E-08	6.0E-09	3.7E-10	1.7E-08				
50-32-8	~Benzo[a]pyrene	0.351	0.351	0.351	1.1E-07	5.9E-08	2.9E-13	1.7E-07	1.0E-03	5.5E-04	6.8E-07	1.6E-03
205-99-2	~Benzo[b]fluoranthene	0.467	0.467	0.467	1.4E-08	7.9E-09	3.9E-14	2.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.157	0.157	0.157	4.8E-10	2.6E-10	1.3E-15	7.4E-10				
218-01-9	~Chrysene	0.341	0.341	0.341	1.0E-10	5.7E-11	2.8E-16	1.6E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0571	0.0571	0.0571	1.7E-08	9.6E-09	4.7E-14	2.7E-08				
206-44-0	~Fluoranthene	0.731	0.731	0.731					1.6E-05	8.6E-06		2.4E-05
86-73-7	~Fluorene	0.0493	0.0493	0.0493					1.1E-06	5.8E-07		1.6E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.252	0.252	0.252	7.7E-09	4.2E-09	2.1E-14	1.2E-08				
129-00-0	~Pyrene	0.591	0.591	0.591					1.7E-05	9.3E-06		2.6E-05
7782-49-2	Selenium	0.196	0.196	0.196					3.4E-05		3.8E-11	3.4E-05
7440-22-4	Silver	0.0156	0.0156	0.0156					2.7E-06			2.7E-06
7440-62-2	Vanadium and Compounds	12.4	12.4	12.4					2.1E-03		4.8E-07	2.1E-03
7440-66-6	Zinc and Compounds	54.3	54.3	54.3					1.5E-04			1.5E-04
						Cumulative:		5.6E-07				1.8E-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-7 Risk Assessment, RI 11A

** - 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)	0.208	0.208	0.208					2.8E-03		4.0E-10	2.8E-03
7440-38-2	Arsenic, Inorganic	0.932	0.932	0.932	5.2E-07	7.3E-08	8.6E-13	5.9E-07	1.0E-02	1.2E-03	3.6E-08	1.1E-02
7440-39-3	Barium	22.1	22.1	22.1					6.1E-04		2.6E-08	6.1E-04
7440-41-7	Beryllium and compounds	0.148	0.148	0.148			7.6E-14	7.6E-14	4.1E-04		4.3E-09	4.1E-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
16065-83-1	Chromium(III), Insoluble Salts	5.55	5.55	5.55					2.0E-05			2.0E-05
7440-48-4	Cobalt	2.66	2.66	2.66			5.1E-12	5.1E-12	4.9E-02		2.6E-07	4.9E-02
7440-50-8	Copper	10.9	10.9	10.9					1.5E-03			1.5E-03
7439-92-1	~Lead and Compounds	30.7	30.7	30.7					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	62.5	62.5	62.5					1.4E-02		7.2E-07	1.4E-02
7440-02-0	Nickel Soluble Salts	8.17	8.17	8.17			4.6E-13	4.6E-13	2.2E-03		4.7E-07	2.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.09	1.09	1.09					3.7E-06			3.7E-06
117-81-7	~Bis(2-ethylhexyl)phthalate	0.195	0.195	0.195	1.7E-09	4.7E-10	1.0E-16	2.2E-09	5.3E-05	1.3E-05		6.6E-05
120-12-7	~Anthracene	0.102	0.102	0.102					1.9E-06	5.7E-07		2.4E-06
56-55-3	~Benz[a]anthracene	0.355	0.355	0.355	9.9E-08	3.3E-08	1.6E-10	1.3E-07				
50-32-8	~Benzo[a]pyrene	0.351	0.351	0.351	9.8E-07	3.3E-07	1.3E-13	**1.3E-06**	6.4E-03	2.0E-03	1.0E-07	8.4E-03
205-99-2	~Benzo[b]fluoranthene	0.467	0.467	0.467	1.3E-07	4.4E-08	1.7E-14	1.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.157	0.157	0.157	4.4E-09	1.5E-09	5.6E-16	5.9E-09				
218-01-9	~Chrysene	0.341	0.341	0.341	9.5E-10	3.2E-10	1.2E-16	1.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0571	0.0571	0.0571	1.6E-07	5.3E-08	2.0E-14	2.1E-07				
206-44-0	~Fluoranthene	0.731	0.731	0.731					1.0E-04	3.1E-05		1.3E-04
86-73-7	~Fluorene	0.0493	0.0493	0.0493					6.8E-06	2.1E-06		8.8E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.252	0.252	0.252	7.1E-08	2.4E-08	9.0E-15	9.4E-08				
129-00-0	~Pyrene	0.591	0.591	0.591					1.1E-04	3.3E-05		1.4E-04
7782-49-2	Selenium	0.196	0.196	0.196					2.1E-04		5.7E-12	2.1E-04
7440-22-4	Silver	0.0156	0.0156	0.0156					1.7E-05			1.7E-05
7440-62-2	Vanadium and Compounds	12.4	12.4	12.4					1.3E-02		7.2E-08	1.3E-02
7440-66-6	Zinc and Compounds	54.3	54.3	54.3					9.9E-04			9.9E-04
						Cumulative:		2.5E-06				1.1E-01

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.9E-06	2.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.6E-07	1.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.5E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

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
0.274	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-8									
12.2		7440-39-3	Barium			mg/kg	SED-8									
0.0751	J	7440-41-7	Beryllium and compounds			mg/kg	SED-8									
0.0449	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-8									
2.35		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-8									
0.131	J	18540-29-9	Chromium(VI)			mg/kg	SED-8									
1.63		7440-48-4	Cobalt			mg/kg	SED-8									
10	B	7440-50-8	Copper			mg/kg	SED-8									
0.00918		123-91-1	Dioxane, 1,4-			mg/kg	SED-8									
8.9		7439-92-1	~Lead and Compounds			mg/kg	SED-8									
36.3		7439-96-5	Manganese (Non-diet)			mg/kg	SED-8									
5.37		7440-02-0	Nickel Soluble Salts			mg/kg	SED-8									
0.939	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-8									
0.0834	J	120-12-7	~Anthracene			mg/kg	SED-8									
0.444		56-55-3	~Benz[a]anthracene			mg/kg	SED-8									
0.407		50-32-8	~Benzo[a]pyrene			mg/kg	SED-8									
0.578		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-8									
0.197	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-8									
0.422		218-01-9	~Chrysene			mg/kg	SED-8									
0.0746	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-8									
0.828		206-44-0	~Fluoranthene			mg/kg	SED-8									
0.288	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-8									
0.671		129-00-0	~Pyrene			mg/kg	SED-8									
0.00934	J	7440-22-4	Silver			mg/kg	SED-8									
5.87		7440-62-2	Vanadium and Compounds			mg/kg	SED-8									
20.5		7440-66-6	Zinc and Compounds			mg/kg	SED-8									

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, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	0.274	0.274	0.274	3.5E-07	5.0E-08	7.1E-12	4.0E-07	7.0E-03	8.3E-04	3.0E-07	7.8E-03
7440-39-3	Barium	12.2	12.2	12.2					7.8E-04		3.9E-07	7.8E-04
7440-41-7	Beryllium and compounds	0.0751	0.0751	0.0751			1.1E-12	1.1E-12	4.8E-04		6.1E-08	4.8E-04
7440-43-9	Cadmium (Diet)	0.0449	0.0449	0.0449			4.9E-13	4.9E-13	5.7E-03	5.4E-04	7.3E-08	6.3E-03
16065-83-1	Chromium(III), Insoluble Salts	2.35	2.35	2.35					2.0E-05			2.0E-05
18540-29-9	Chromium(VI)	0.131	0.131	0.131	1.4E-07		2.4E-11	1.4E-07	1.9E-03		7.1E-08	1.9E-03
7440-48-4	Cobalt	1.63	1.63	1.63			8.8E-11	8.8E-11	6.9E-02		4.4E-06	6.9E-02
7440-50-8	Copper	10	10	10					3.2E-03			3.2E-03
123-91-1	Dioxane, 1,4-	0.00918	0.00918	0.00918	1.3E-09		3.9E-10	1.7E-09	3.9E-06		7.0E-06	1.1E-05
7439-92-1	~Lead and Compounds	8.9	8.9	8.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	36.3	36.3	36.3					1.9E-02		1.2E-05	1.9E-02
7440-02-0	Nickel Soluble Salts	5.37	5.37	5.37			8.4E-12	8.4E-12	3.4E-03		8.7E-06	3.4E-03
14797-55-8	Nitrate (measured as nitrogen)	0.939	0.939	0.939					7.5E-06			7.5E-06
120-12-7	~Anthracene	0.0834	0.0834	0.0834					3.6E-06	1.1E-06		4.7E-06
56-55-3	~Benz[a]anthracene	0.444	0.444	0.444	2.9E-07	9.7E-08	5.6E-09	3.9E-07				
50-32-8	~Benzo[a]pyrene	0.407	0.407	0.407	**2.7E-06**	8.9E-07	4.1E-12	3.5E-06	1.7E-02	5.4E-03	3.3E-06	2.3E-02
205-99-2	~Benzo[b]fluoranthene	0.578	0.578	0.578	3.8E-07	1.3E-07	5.8E-13	5.0E-07				
207-08-9	~Benzo[k]fluoranthene	0.197	0.197	0.197	1.3E-08	4.3E-09	2.0E-14	1.7E-08				
218-01-9	~Chrysene	0.422	0.422	0.422	2.8E-09	9.2E-10	4.2E-15	3.7E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0746	0.0746	0.0746	4.9E-07	1.6E-07	7.4E-13	6.5E-07				
206-44-0	~Fluoranthene	0.828	0.828	0.828					2.6E-04	8.2E-05		3.5E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.288	0.288	0.288	1.9E-07	6.3E-08	2.9E-13	2.5E-07				
129-00-0	~Pyrene	0.671	0.671	0.671					2.9E-04	8.8E-05		3.7E-04
7440-22-4	Silver	0.00934	0.00934	0.00934					2.4E-05			2.4E-05
7440-62-2	Vanadium and Compounds	5.87	5.87	5.87					1.5E-02		9.5E-07	1.5E-02
7440-66-6	Zinc and Compounds	20.5	20.5	20.5					8.7E-04			8.7E-04
						Cumulative:		5.9E-06				1.5E-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-8 Risk Assessment, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	0.274	0.274	0.274	7.5E-08	1.6E-08	1.6E-12	9.1E-08	4.7E-04	9.9E-05	7.0E-08	5.7E-04
7440-39-3	Barium	12.2	12.2	12.2					5.2E-05		9.4E-08	5.2E-05
7440-41-7	Beryllium and compounds	0.0751	0.0751	0.0751			2.5E-13	2.5E-13	3.2E-05		1.4E-08	3.2E-05
7440-43-9	Cadmium (Diet)	0.0449	0.0449	0.0449			1.1E-13	1.1E-13	3.8E-04	6.5E-05	1.7E-08	4.5E-04
16065-83-1	Chromium(III), Insoluble Salts	2.35	2.35	2.35					1.3E-06			1.3E-06
18540-29-9	Chromium(VI)	0.131	0.131	0.131	6.4E-09		2.0E-12	6.4E-09	1.2E-04		1.7E-08	1.2E-04
7440-48-4	Cobalt	1.63	1.63	1.63			2.0E-11	2.0E-11	4.7E-03		1.0E-06	4.7E-03
7440-50-8	Copper	10	10	10					2.1E-04			2.1E-04
123-91-1	Dioxane, 1,4-	0.00918	0.00918	0.00918	2.8E-10		8.9E-11	3.7E-10	2.6E-07		1.7E-06	1.9E-06
7439-92-1	~Lead and Compounds	8.9	8.9	8.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	36.3	36.3	36.3					1.3E-03		2.8E-06	1.3E-03
7440-02-0	Nickel Soluble Salts	5.37	5.37	5.37			1.9E-12	1.9E-12	2.3E-04		2.1E-06	2.3E-04
14797-55-8	Nitrate (measured as nitrogen)	0.939	0.939	0.939					5.0E-07			5.0E-07
120-12-7	~Anthracene	0.0834	0.0834	0.0834					2.4E-07	1.3E-07		3.7E-07
56-55-3	~Benz[a]anthracene	0.444	0.444	0.444	1.4E-08	7.5E-09	4.6E-10	2.2E-08				
50-32-8	~Benzo[a]pyrene	0.407	0.407	0.407	1.2E-07	6.8E-08	3.4E-13	1.9E-07	1.2E-03	6.4E-04	7.8E-07	1.8E-03
205-99-2	~Benzo[b]fluoranthene	0.578	0.578	0.578	1.8E-08	9.7E-09	4.8E-14	2.7E-08				
207-08-9	~Benzo[k]fluoranthene	0.197	0.197	0.197	6.0E-10	3.3E-10	1.6E-15	9.3E-10				
218-01-9	~Chrysene	0.422	0.422	0.422	1.3E-10	7.1E-11	3.5E-16	2.0E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0746	0.0746	0.0746	2.3E-08	1.3E-08	6.2E-14	3.5E-08				
206-44-0	~Fluoranthene	0.828	0.828	0.828					1.8E-05	9.8E-06		2.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.288	0.288	0.288	8.8E-09	4.8E-09	2.4E-14	1.4E-08				
129-00-0	~Pyrene	0.671	0.671	0.671					1.9E-05	1.1E-05		3.0E-05
7440-22-4	Silver	0.00934	0.00934	0.00934					1.6E-06			1.6E-06
7440-62-2	Vanadium and Compounds	5.87	5.87	5.87					1.0E-03		2.3E-07	1.0E-03
7440-66-6	Zinc and Compounds	20.5	20.5	20.5					5.9E-05			5.9E-05
						Cumulative:		3.9E-07				1.1E-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-8 Risk Assessment, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	0.274	0.274	0.274	1.5E-07	2.1E-08	2.5E-13	1.7E-07	3.0E-03	3.6E-04	1.1E-08	3.4E-03
7440-39-3	Barium	12.2	12.2	12.2					3.3E-04		1.4E-08	3.3E-04
7440-41-7	Beryllium and compounds	0.0751	0.0751	0.0751			3.9E-14	3.9E-14	2.1E-04		2.2E-09	2.1E-04
7440-43-9	Cadmium (Diet)	0.0449	0.0449	0.0449			1.7E-14	1.7E-14	2.5E-03	2.3E-04	2.6E-09	2.7E-03
16065-83-1	Chromium(III), Insoluble Salts	2.35	2.35	2.35					8.6E-06			8.6E-06
18540-29-9	Chromium(VI)	0.131	0.131	0.131	5.9E-08		8.6E-13	5.9E-08	8.0E-04		2.5E-09	8.0E-04
7440-48-4	Cobalt	1.63	1.63	1.63			3.1E-12	3.1E-12	3.0E-02		1.6E-07	3.0E-02
7440-50-8	Copper	10	10	10					1.4E-03			1.4E-03
123-91-1	Dioxane, 1,4-	0.00918	0.00918	0.00918	5.7E-10		1.4E-11	5.8E-10	1.7E-06		2.5E-07	1.9E-06
7439-92-1	~Lead and Compounds	8.9	8.9	8.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	36.3	36.3	36.3					8.3E-03		4.2E-07	8.3E-03
7440-02-0	Nickel Soluble Salts	5.37	5.37	5.37			3.0E-13	3.0E-13	1.5E-03		3.1E-07	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	0.939	0.939	0.939					3.2E-06			3.2E-06
120-12-7	~Anthracene	0.0834	0.0834	0.0834					1.5E-06	4.7E-07		2.0E-06
56-55-3	~Benz[a]anthracene	0.444	0.444	0.444	1.2E-07	4.1E-08	2.0E-10	1.7E-07				
50-32-8	~Benzo[a]pyrene	0.407	0.407	0.407	**1.1E-06**	3.8E-07	1.4E-13	**1.5E-06**	7.4E-03	2.3E-03	1.2E-07	9.7E-03
205-99-2	~Benzo[b]fluoranthene	0.578	0.578	0.578	1.6E-07	5.4E-08	2.1E-14	2.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.197	0.197	0.197	5.5E-09	1.8E-09	7.0E-16	7.4E-09				
218-01-9	~Chrysene	0.422	0.422	0.422	1.2E-09	3.9E-10	1.5E-16	1.6E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0746	0.0746	0.0746	2.1E-07	7.0E-08	2.7E-14	2.8E-07				
206-44-0	~Fluoranthene	0.828	0.828	0.828					1.1E-04	3.5E-05		1.5E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.288	0.288	0.288	8.1E-08	2.7E-08	1.0E-14	1.1E-07				
129-00-0	~Pyrene	0.671	0.671	0.671					1.2E-04	3.8E-05		1.6E-04
7440-22-4	Silver	0.00934	0.00934	0.00934					1.0E-05			1.0E-05
7440-62-2	Vanadium and Compounds	5.87	5.87	5.87					6.4E-03		3.4E-08	6.4E-03
7440-66-6	Zinc and Compounds	20.5	20.5	20.5					3.7E-04			3.7E-04
						Cumulative:		2.5E-06				6.5E-02

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	5.9E-06	1.5E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.9E-07	1.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.5E-06	6.5E-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.

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, RI 11A
Submittal Date:	3/13/2026
Prepared By:	Macy Courtney
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, RI 11A

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
0.553		7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
13.2		7440-39-3	Barium			mg/kg	SED-9									
0.102	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.0493	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
5.3		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-9									
1.79		7440-48-4	Cobalt			mg/kg	SED-9									
6.05	B	7440-50-8	Copper			mg/kg	SED-9									
9.44		7439-92-1	~Lead and Compounds			mg/kg	SED-9									
61.6		7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
5.77		7440-02-0	Nickel Soluble Salts			mg/kg	SED-9									
1.47	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-9									
0.0495	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-9									
0.0769	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.0595	J	218-01-9	~Chrysene			mg/kg	SED-9									
0.11	J	206-44-0	~Fluoranthene			mg/kg	SED-9									
0.0825	J	129-00-0	~Pyrene			mg/kg	SED-9									
0.153	J	7782-49-2	Selenium			mg/kg	SED-9									
0.00844	J	7440-22-4	Silver			mg/kg	SED-9									
6.75		7440-62-2	Vanadium and Compounds			mg/kg	SED-9									
24.2		7440-66-6	Zinc and Compounds			mg/kg	SED-9									

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, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	0.553	0.553	0.553	7.2E-07	1.0E-07	1.4E-11	8.2E-07	1.4E-02	1.7E-03	6.0E-07	1.6E-02
7440-39-3	Barium	13.2	13.2	13.2					8.4E-04		4.3E-07	8.4E-04
7440-41-7	Beryllium and compounds	0.102	0.102	0.102			1.5E-12	1.5E-12	6.5E-04		8.2E-08	6.5E-04
7440-43-9	Cadmium (Diet)	0.0493	0.0493	0.0493			5.3E-13	5.3E-13	6.3E-03	6.0E-04	8.0E-08	6.9E-03
16065-83-1	Chromium(III), Insoluble Salts	5.3	5.3	5.3					4.5E-05			4.5E-05
7440-48-4	Cobalt	1.79	1.79	1.79			9.7E-11	9.7E-11	7.6E-02		4.8E-06	7.6E-02
7440-50-8	Copper	6.05	6.05	6.05					1.9E-03			1.9E-03
7439-92-1	~Lead and Compounds	9.44	9.44	9.44					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	61.6	61.6	61.6					3.3E-02		2.0E-05	3.3E-02
7440-02-0	Nickel Soluble Salts	5.77	5.77	5.77			9.0E-12	9.0E-12	3.7E-03		9.3E-06	3.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					1.2E-05			1.2E-05
50-32-8	~Benzo[a]pyrene	0.0495	0.0495	0.0495	3.2E-07	1.1E-07	4.9E-13	4.3E-07	2.1E-03	6.5E-04	4.0E-07	2.8E-03
205-99-2	~Benzo[b]fluoranthene	0.0769	0.0769	0.0769	5.0E-08	1.7E-08	7.7E-14	6.7E-08				
218-01-9	~Chrysene	0.0595	0.0595	0.0595	3.9E-10	1.3E-10	5.9E-16	5.2E-10				
206-44-0	~Fluoranthene	0.11	0.11	0.11					3.5E-05	1.1E-05		4.6E-05
129-00-0	~Pyrene	0.0825	0.0825	0.0825					3.5E-05	1.1E-05		4.6E-05
7782-49-2	Selenium	0.153	0.153	0.153					3.9E-04		1.2E-10	3.9E-04
7440-22-4	Silver	0.00844	0.00844	0.00844					2.2E-05			2.2E-05
7440-62-2	Vanadium and Compounds	6.75	6.75	6.75					1.7E-02		1.1E-06	1.7E-02
7440-66-6	Zinc and Compounds	24.2	24.2	24.2					1.0E-03			1.0E-03
						Cumulative:		1.3E-06				1.6E-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, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	0.553	0.553	0.553	1.5E-07	3.2E-08	3.3E-12	1.8E-07	9.5E-04	2.0E-04	1.4E-07	1.1E-03
7440-39-3	Barium	13.2	13.2	13.2					5.7E-05		1.0E-07	5.7E-05
7440-41-7	Beryllium and compounds	0.102	0.102	0.102			3.4E-13	3.4E-13	4.4E-05		2.0E-08	4.4E-05
7440-43-9	Cadmium (Diet)	0.0493	0.0493	0.0493			1.2E-13	1.2E-13	4.2E-04	7.1E-05	1.9E-08	4.9E-04
16065-83-1	Chromium(III), Insoluble Salts	5.3	5.3	5.3					3.0E-06			3.0E-06
7440-48-4	Cobalt	1.79	1.79	1.79			2.2E-11	2.2E-11	5.1E-03		1.1E-06	5.1E-03
7440-50-8	Copper	6.05	6.05	6.05					1.3E-04			1.3E-04
7439-92-1	~Lead and Compounds	9.44	9.44	9.44					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	61.6	61.6	61.6					2.2E-03		4.7E-06	2.2E-03
7440-02-0	Nickel Soluble Salts	5.77	5.77	5.77			2.1E-12	2.1E-12	2.5E-04		2.2E-06	2.5E-04
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					7.9E-07			7.9E-07
50-32-8	~Benzo[a]pyrene	0.0495	0.0495	0.0495	1.5E-08	8.3E-09	4.1E-14	2.3E-08	1.4E-04	7.8E-05	9.5E-08	2.2E-04
205-99-2	~Benzo[b]fluoranthene	0.0769	0.0769	0.0769	2.4E-09	1.3E-09	6.3E-15	3.6E-09				
218-01-9	~Chrysene	0.0595	0.0595	0.0595	1.8E-11	1.0E-11	4.9E-17	2.8E-11				
206-44-0	~Fluoranthene	0.11	0.11	0.11					2.4E-06	1.3E-06		3.6E-06
129-00-0	~Pyrene	0.0825	0.0825	0.0825					2.4E-06	1.3E-06		3.6E-06
7782-49-2	Selenium	0.153	0.153	0.153					2.6E-05		2.9E-11	2.6E-05
7440-22-4	Silver	0.00844	0.00844	0.00844					1.4E-06			1.4E-06
7440-62-2	Vanadium and Compounds	6.75	6.75	6.75					1.1E-03		2.6E-07	1.1E-03
7440-66-6	Zinc and Compounds	24.2	24.2	24.2					6.9E-05			6.9E-05
						Cumulative:		2.1E-07				1.1E-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, RI 11A

** - 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
7440-38-2	Arsenic, Inorganic	0.553	0.553	0.553	3.1E-07	4.3E-08	5.1E-13	3.5E-07	6.1E-03	7.2E-04	2.1E-08	6.8E-03
7440-39-3	Barium	13.2	13.2	13.2					3.6E-04		1.5E-08	3.6E-04
7440-41-7	Beryllium and compounds	0.102	0.102	0.102			5.2E-14	5.2E-14	2.8E-04		2.9E-09	2.8E-04
7440-43-9	Cadmium (Diet)	0.0493	0.0493	0.0493			1.9E-14	1.9E-14	2.7E-03	2.6E-04	2.8E-09	3.0E-03
16065-83-1	Chromium(III), Insoluble Salts	5.3	5.3	5.3					1.9E-05			1.9E-05
7440-48-4	Cobalt	1.79	1.79	1.79			3.5E-12	3.5E-12	3.3E-02		1.7E-07	3.3E-02
7440-50-8	Copper	6.05	6.05	6.05					8.3E-04			8.3E-04
7439-92-1	~Lead and Compounds	9.44	9.44	9.44					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	61.6	61.6	61.6					1.4E-02		7.1E-07	1.4E-02
7440-02-0	Nickel Soluble Salts	5.77	5.77	5.77			3.2E-13	3.2E-13	1.6E-03		3.3E-07	1.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.47	1.47	1.47					5.0E-06			5.0E-06
50-32-8	~Benzo[a]pyrene	0.0495	0.0495	0.0495	1.4E-07	4.6E-08	1.8E-14	1.8E-07	9.0E-04	2.8E-04	1.4E-08	1.2E-03
205-99-2	~Benzo[b]fluoranthene	0.0769	0.0769	0.0769	2.2E-08	7.2E-09	2.7E-15	2.9E-08				
218-01-9	~Chrysene	0.0595	0.0595	0.0595	1.7E-10	5.6E-11	2.1E-17	2.2E-10				
206-44-0	~Fluoranthene	0.11	0.11	0.11					1.5E-05	4.6E-06		2.0E-05
129-00-0	~Pyrene	0.0825	0.0825	0.0825					1.5E-05	4.6E-06		2.0E-05
7782-49-2	Selenium	0.153	0.153	0.153					1.7E-04		4.4E-12	1.7E-04
7440-22-4	Silver	0.00844	0.00844	0.00844					9.2E-06			9.2E-06
7440-62-2	Vanadium and Compounds	6.75	6.75	6.75					7.3E-03		3.9E-08	7.3E-03
7440-66-6	Zinc and Compounds	24.2	24.2	24.2					4.4E-04			4.4E-04
						Cumulative:		5.6E-07				6.9E-02

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, RI 11A

DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Soil	1.3E-06	1.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.1E-07	1.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.6E-07	6.9E-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.