Remedial Investigation Report
City of Durham Parks – East End Park, NONCD0000823
1200 N. Alston Avenue, Durham, North Carolina
Task Order RI-10A
S&ME Project No. 23050630

PREPARED FOR:

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

PREPARED BY:

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

April 6, 2026

April 6, 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**
East End Park – 1200 N. Alston Avenue
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000823
NCDEQ Task Orders 823RI-10A
S&ME Project No. 23050630BK

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. 23050630BK, dated September 30, 2025, for Task Order 823RI-10A 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 J. Allen
Environmental Staff Professional
MadisonAllen@smeinc.com

Gerald Paul
Senior Project Manager
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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. 23050630BK, dated September 30, 2025, for Task Orders 823RI-10A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

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

2.0 Landfill Gas Assessment

2.1 Soil Gas Probe Field Screening Methods

The landfill gas probe (LFGP) and landfill gas implant (LFGI) construction details are presented in **Table 1** and the location of the LFGP's are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I**. On December 10, 2025, landfill gas and offsite soil gas probes and implants that did not have high water levels were screened for landfill gas. **Figure 2** shows the data from the field screening event. Portable meters were used to collect the following parameters at each soil gas probe, soil gas implant, and background screening location:

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

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

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

2.2 Landfill Gas Screening Results

2.2.1 Volatile Organic Compounds

VOCs were not detected in any of the LFGPs nor any of the background screening locations.

2.2.2 Methane

During the screening event, methane was detected at LFGP-5 and LFGP-8, with concentrations exceeding the lower explosive limit (LEL) for methane at LFGP-5.

2.2.3 Hydrogen Sulfide

Hydrogen Sulfide was not detected in any of the LFGPs nor any of the background screening locations.

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

2.3 Landfill Gas Sampling

On December 29, 2025, S&ME personnel used batch-certified sampling canisters to collect samples (including duplicate samples) from ten landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, Methane by ASTM Method D1946, Mercury by NIOSH 6609, and Hydrogen sulfide by ASTM Method D5504-12.

2.3.1 Shut-in Testing

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

2.3.2 Helium Leak Testing

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

monitored for leaks by using a calibrated personal pump to purge air from the sampling array into a Tedlar® bag.

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

2.3.3 Purging and Sampling

After successfully passing the leak test, a minimum of three volumes of air were purged from the gas probes and sampling arrays. After purging the sampling array, the ball valve attachment on the T-connector leading to the purge point was closed and the valve on the regulator was opened to allow the collection of the samples into canisters for VOC 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.

After collecting the gas samples, the canisters were shipped under standard chain-of-custody protocol to Eurofins Air Toxics for VOC analysis by EPA Method TO-15 and Methane by ASTM Method D1946. The sorbent tubes and Tedlar® bags were shipped under standard chain-of-custody protocol to EMSL for Mercury analysis by NIOSH 6009 and Hydrogen Sulfide analysis by ASTM Method D5504, respectively. The laboratory reports and chain of custodies are in **Appendix III.**

2.4 Landfill Gas Sample Results

Due to gas composition and laboratory instrument limitations, the landfill gas sample from LFGP-5 was diluted by the laboratory. Sample dilutions result in higher laboratory detection limits. Therefore, compounds may be present at concentrations below the elevated detection limit and could be considered unacceptable risk based on the NCDEQ Risk Calculator. For this assessment, only compounds detected above the laboratory detection limits were entered into the NCDEQ Risk Calculator. As a result, additional sampling may be necessary to further evaluate potential risk from landfill gas at the site.

The laboratory reported detections of multiple VOCs and other analytes in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of the soil gas to the indoor air pathway. Neither the Residential Receptor Risk nor the Non-Residential Worker Receptor Risk were exceeded at any sample location. There was no exceedance of the Residential or Non-Residential Worker Non-Carcinogenic Hazard Quotient. Methane exceedance of the LEL (10%) was detected in the sample from LFGP-5. No Methane exceedances of the LEL nor Hydrogen Sulfide detections were detected at any other sample locations. Mercury was not detected at any sample location. See **Section 5.0** for the Risk Calculator details.

A summary of the laboratory results is included in **Table 3,** and the results of the NCDEQ Risk Calculator Residential and Non-Residential Vapor Intrusion risk levels are shown in **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 monitor wells are shown on **Figure 1**. The Coordinates of Selected Features is included in **Appendix I**.

On December 5 and 9, 2025, 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 821DP-6. 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 northeast towards the surface water feature in the center of the site. The surface water generally flows to the northeast west of the stream, and to the northwest east of the stream.

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 353.2, sulfate by EPA Method 9056A, 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 was detected in groundwater samples at concentrations exceeding the North Carolina 2L Groundwater Standard of 50 micrograms per liter (µg/L). These manganese levels may be attributed to the natural weathering of manganese-bearing 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 December 15, 2025, S&ME collected surface water and stream sediment samples for laboratory analysis from nine locations. Surface water sample locations are identified as SW-1 through SW-9 with laboratory presented data on **Table 7.** Stream sediment sample locations are identified as SED-1 through SED-9 with laboratory data summarized on **Table 8**. Surface water and stream sediment locations SED/SW-1 through SED/SW-9 are shown on **Figure 6** and **Figure 7**.

Surface water and stream sediment samples were collected, placed in a cooler with ice, and delivered under chain-of-custody protocol to Eurofins. Analysis includes VOCs by EPA Method 8260D, semi-volatile organic compounds (SVOCs) by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7471B, nitrate and sulfate by EPA Method 9056A, nitrite by EPA Method 353.2, and ammonia by EPA Method 350.1.

4.1.1 Surface Water Sampling Results

Table 7 summarizes the surface water sample analytical results from locations SW-1 through SW-9. Exceedances of the 15A NCAC 02B (2B Standards) surface water quality standards are shown on **Figure 6**. Several other detections were reported, however 2B Standards are not established for those constituents.

The 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 for surface water was not exceeded at any of the sample locations for the recreator/trespasser receptor, nor the non-carcinogenic hazard recreator/trespasser receptor index.

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 Non-Carcinogenic Hazard Quotient for Vapor Intrusion Resident Receptor Soil Gas to Indoor Air Risk, nor Non-Residential Worker Receptor 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 residential, non-residential, nor 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, called 823-DUP-01, was collected on December 29, 2025, from LFGP-4. Analytical results of the duplicate samples were within an acceptable relative difference with the record samples.

Groundwater Duplicates

- One groundwater duplicate sample, called 120925-Dup 1, was collected on December 9, 2025, from MW-5. Another duplicate, called 120525-Dup 1, was collected from MW-8 on December 5, 2025. Analytical results of the duplicate samples were within an acceptable relative difference with the record samples.

Surface Water/Sediment Duplicates

- One duplicate sample was collected for the day of sampling for both surface water and sediment. Duplicates were taken at SW-6/SED-6. Duplicates were collected separately as 823-SW-DUP and 823-

DUP-SED. Analytical results of both duplicate samples were within an acceptable relative difference from the record samples.

Trip Blank

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

The laboratory conducted USEPA quality assurance and quality control procedures and reporting as required for laboratory analysis according to USEPA Level II Protocols for groundwater and sediment. Laboratory quality assurance and control procedures for soil gas analysis were also conducted for the soil gas samples. Reported laboratory analytical data met data quality objectives.

7.0 Work Plan Deviation

No work plan deviations were encountered during sampling events.

8.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with S&ME Proposal No. 23050630BK, dated September 30, 2025, for Task Orders 821RI-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

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

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

Signature of Environmental Consultant

April 6, 2026
Date

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

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

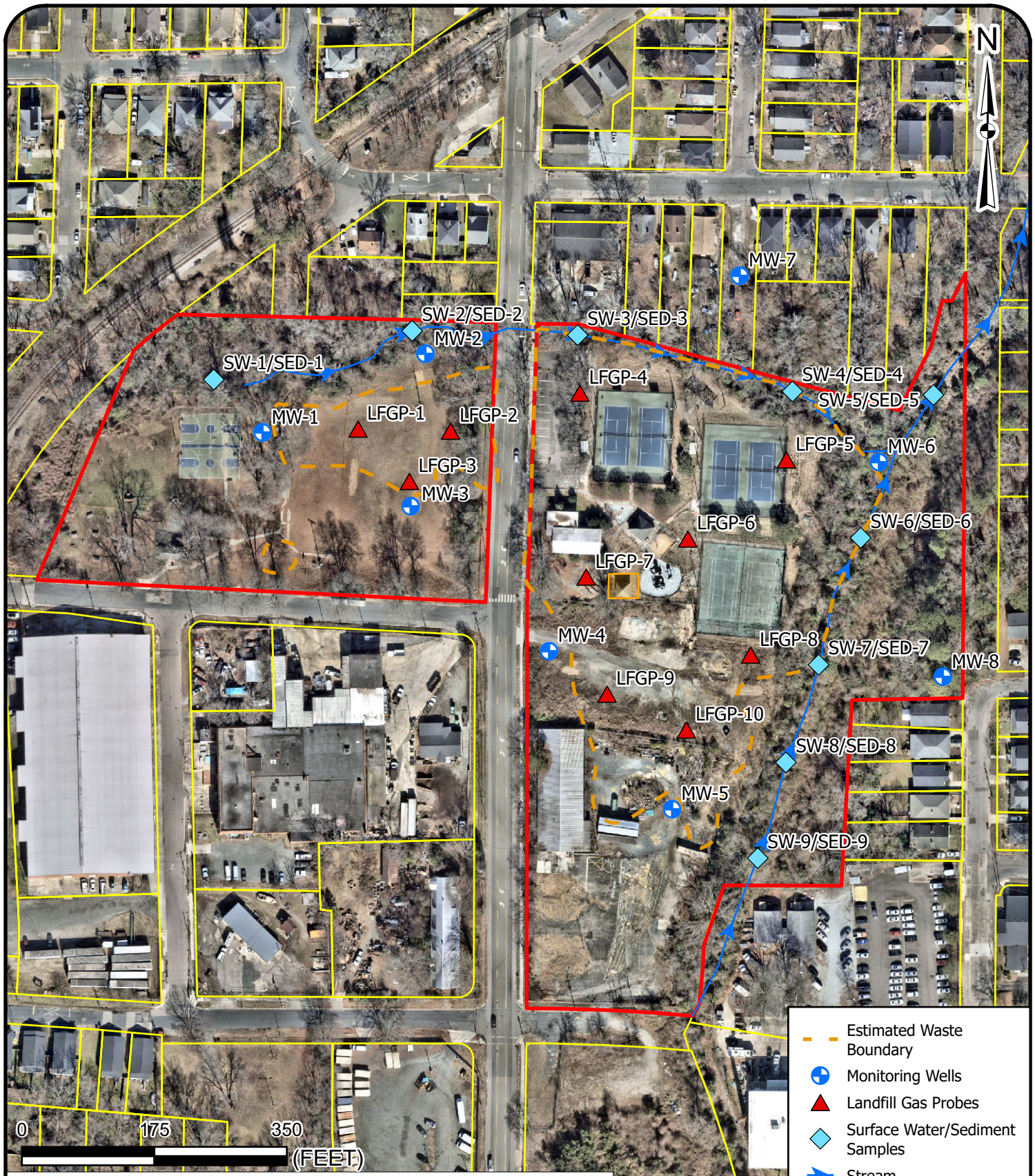
(OFFICIAL SEAL)

Wilma Craft
Notary Public (signature)

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

My commission expires: March 12 2025

Figures



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.

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SITE MAP

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 4/7/2026
PROJECT NUMBER 23050630
FIGURE NO. 1

NOTES:
LANDFILL GAS SCREENING WAS CONDUCTED ON DECEMBER 10TH, 2025. ONLY DETECTIONS ABOVE THE BACKGROUND SCREENING LEVELS ARE SHOWN. METHANE MEASURED AS % VOLUME IN AIR. METHANE LEVELS EXCEEDING THE LOWER EXPLOSIVE LIMIT ARE RED. RESULTS FROM SCREENING EVENT ARE ON TABLE 2.

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.

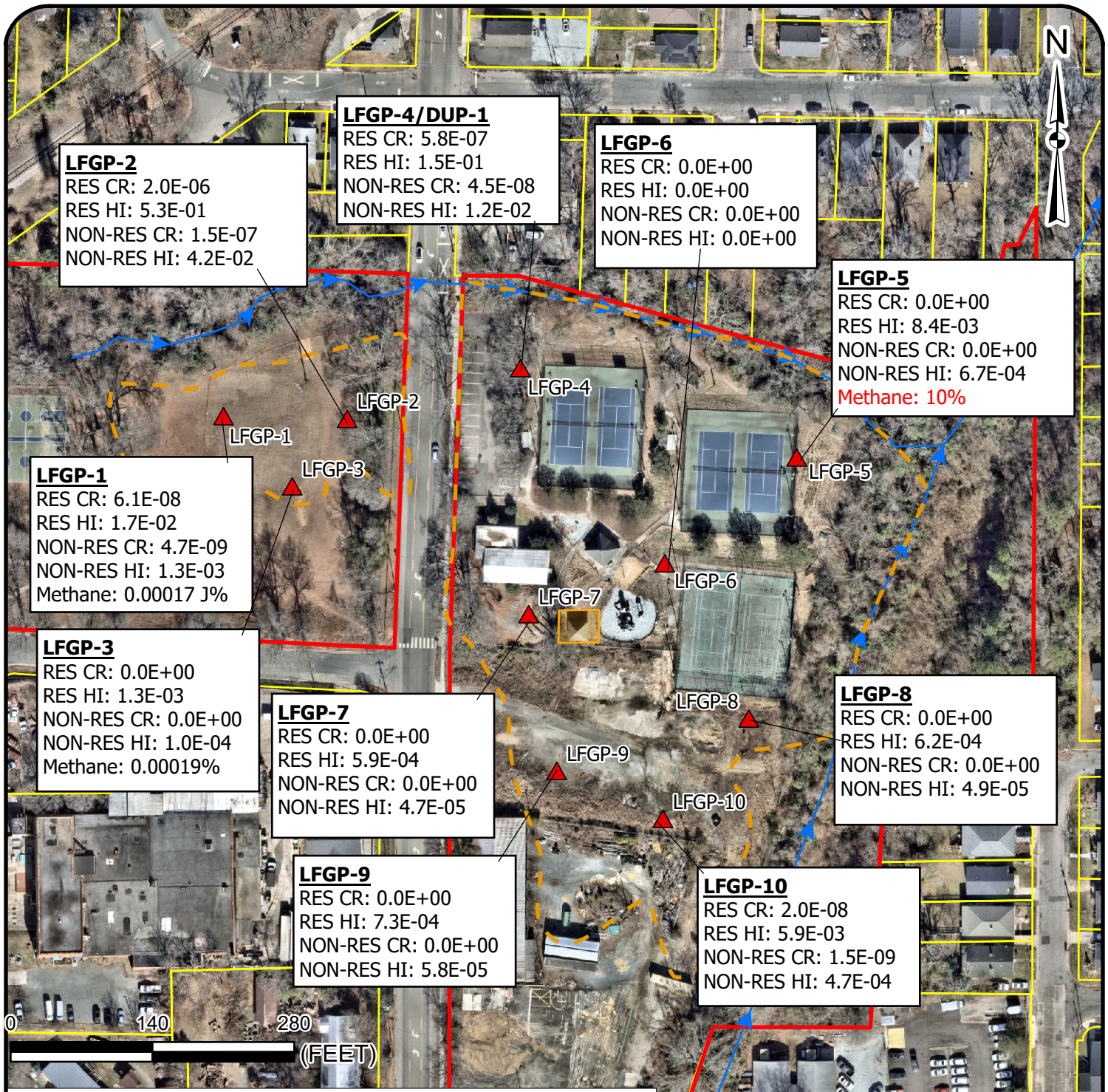
- Estimated Waste Boundary
- Landfill Gas Probes
- Stream
- Site Boundary
- Durham County Parcels

LANDFILL GAS SCREENING RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 4/7/2026
PROJECT NUMBER 23050630
FIGURE NO. 2

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\East End\EEP RI-10A\EEP RI-10A.aprx Plotted by: abentz



LFGP-2
RES CR: 2.0E-06
RES HI: 5.3E-01
NON-RES CR: 1.5E-07
NON-RES HI: 4.2E-02

LFGP-4/DUP-1
RES CR: 5.8E-07
RES HI: 1.5E-01
NON-RES CR: 4.5E-08
NON-RES HI: 1.2E-02

LFGP-6
RES CR: 0.0E+00
RES HI: 0.0E+00
NON-RES CR: 0.0E+00
NON-RES HI: 0.0E+00

LFGP-5
RES CR: 0.0E+00
RES HI: 8.4E-03
NON-RES CR: 0.0E+00
NON-RES HI: 6.7E-04
Methane: 10%

LFGP-1
RES CR: 6.1E-08
RES HI: 1.7E-02
NON-RES CR: 4.7E-09
NON-RES HI: 1.3E-03
Methane: 0.00017 J%

LFGP-3
RES CR: 0.0E+00
RES HI: 1.3E-03
NON-RES CR: 0.0E+00
NON-RES HI: 1.0E-04
Methane: 0.00019%

LFGP-7
RES CR: 0.0E+00
RES HI: 5.9E-04
NON-RES CR: 0.0E+00
NON-RES HI: 4.7E-05

LFGP-8
RES CR: 0.0E+00
RES HI: 6.2E-04
NON-RES CR: 0.0E+00
NON-RES HI: 4.9E-05

LFGP-9
RES CR: 0.0E+00
RES HI: 7.3E-04
NON-RES CR: 0.0E+00
NON-RES HI: 5.8E-05

LFGP-10
RES CR: 2.0E-08
RES HI: 5.9E-03
NON-RES CR: 1.5E-09
NON-RES HI: 4.7E-04

NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON DECEMBER 20 AND 21, 2025. METHANE MEASURED AS % BY VOLUME. CONCENTRATIONS EXCEEDING THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANEOF 5% BY VOLUME OR EXCEEDING THE ASSOCIATED RISK ARE IN RED
HYDROGEN SULFIDE MEASURED IN MICROGRAMS PER CUBIC METER (ug/m3)
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:
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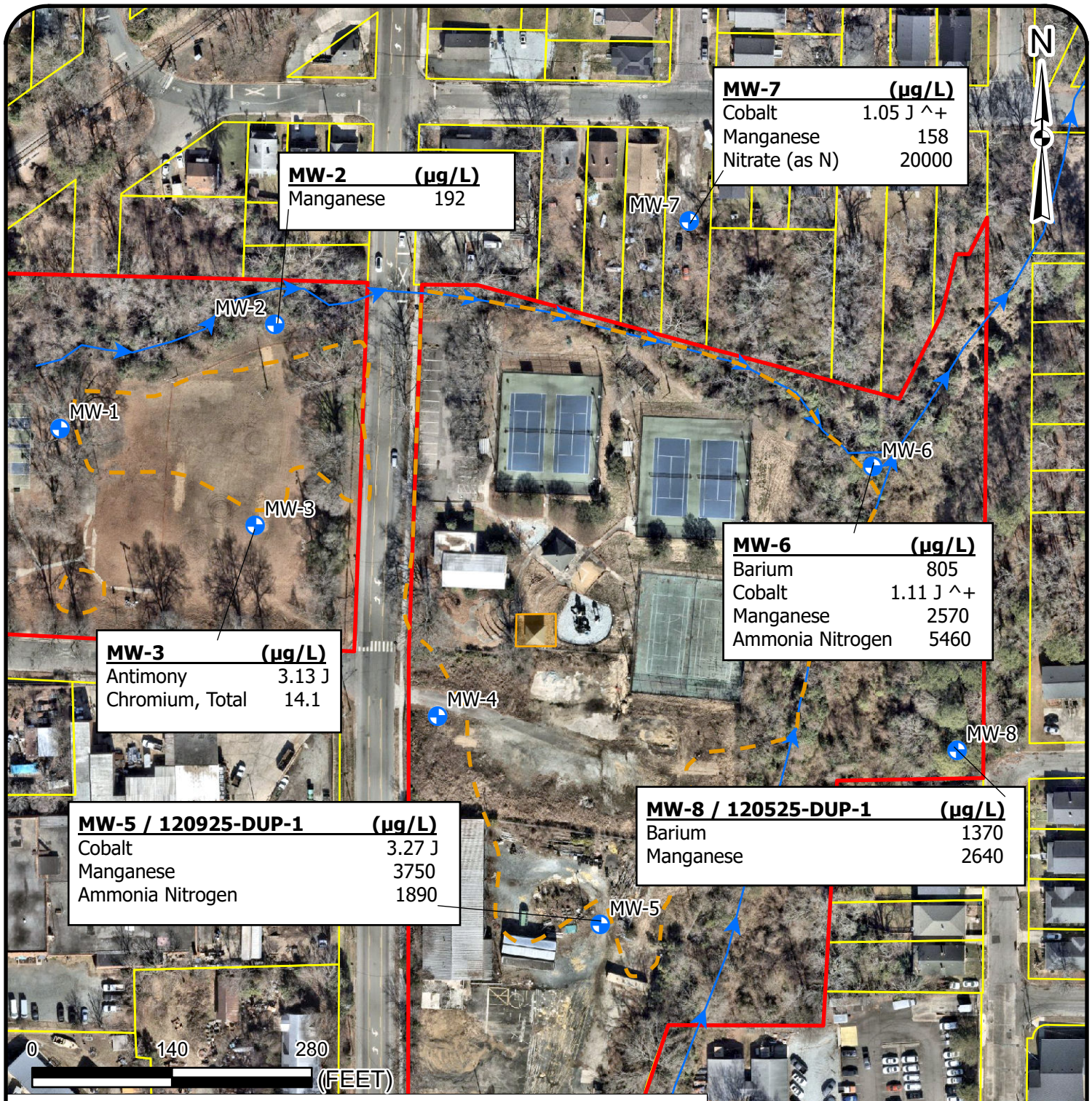
- Estimated Waste Boundary
- Landfill Gas Probes
- Stream
- Site Boundary
- Durham County Parcels

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 140 ft
DATE: 4/7/2026
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-10 Figures\East End\EEP RI-10A\EEP RI-10A.aprx Plotted by: abentz



NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON DECEMBER 5 AND 9, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). DUPLICATE SAMPLES WERE TAKEN AT MW-5 AND MW-8. THE HIGHER DETECTED CONCENTRATION IS SHOWN.
J: ESTIMATED VALUE LESS THAN THE REPORTING LIMIT BUT GREATER THAN THE METHOD DETECTION LIMIT.
^+: CONTINUING CALIBRATION VERIFICATION OUTSIDE ACCEPTANCE LIMITS, HIGH BIASED.

REFERENCE:
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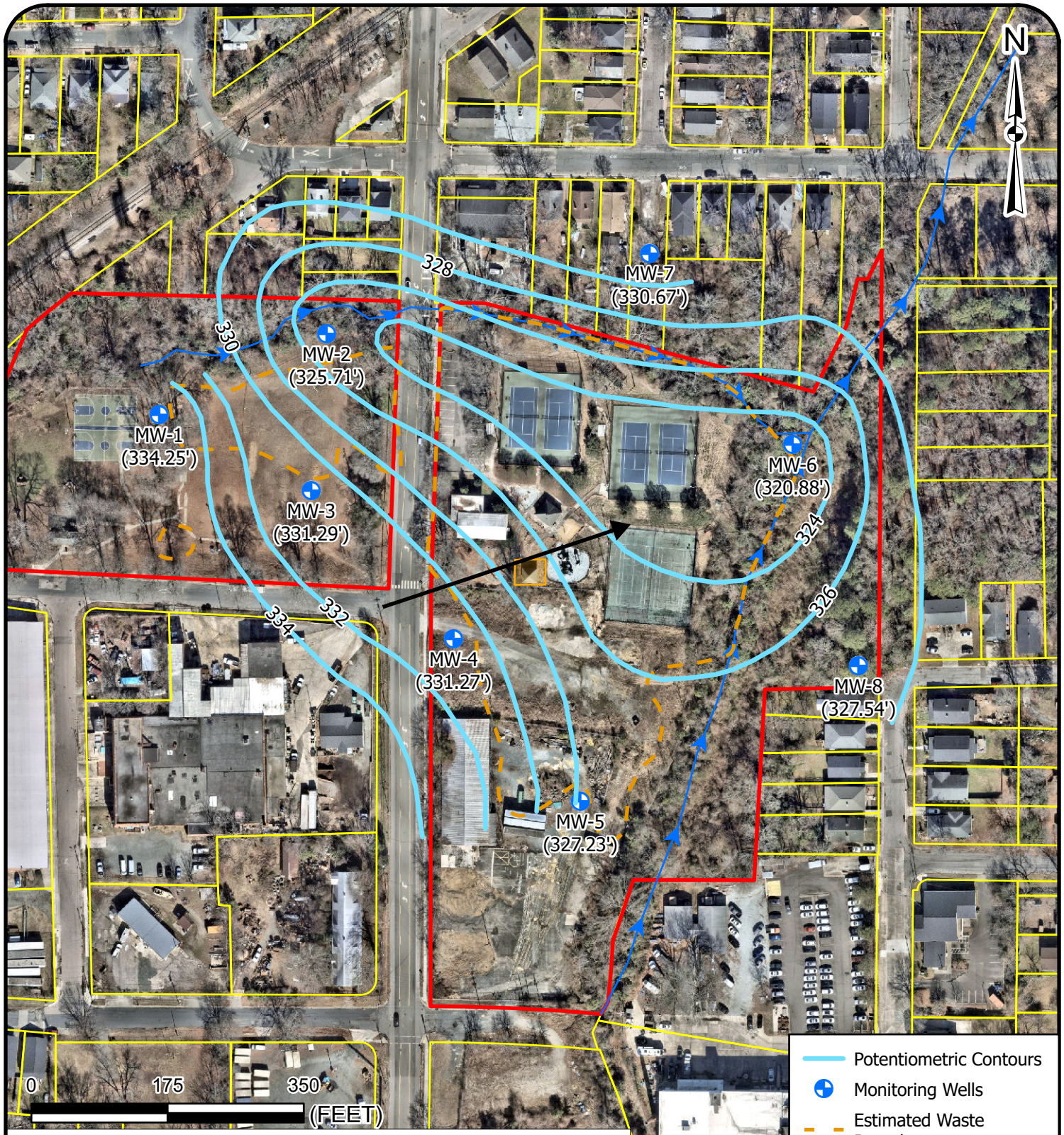
- Monitoring Wells
- Estimated Waste Boundary
- Stream
- Former Incinerator
- Site Boundary
- Durham County Parcels

GROUNDWATER ANALYTICAL RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 140 ft
DATE: 4/7/2026
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-10 Figures\East End\EEP RI-10A\EEP RI-10A.aprx Plotted by: abentz



Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-10 Figures\East End\EEP RI-10A\EEP RI-10A.aprx Plotted by: abentz

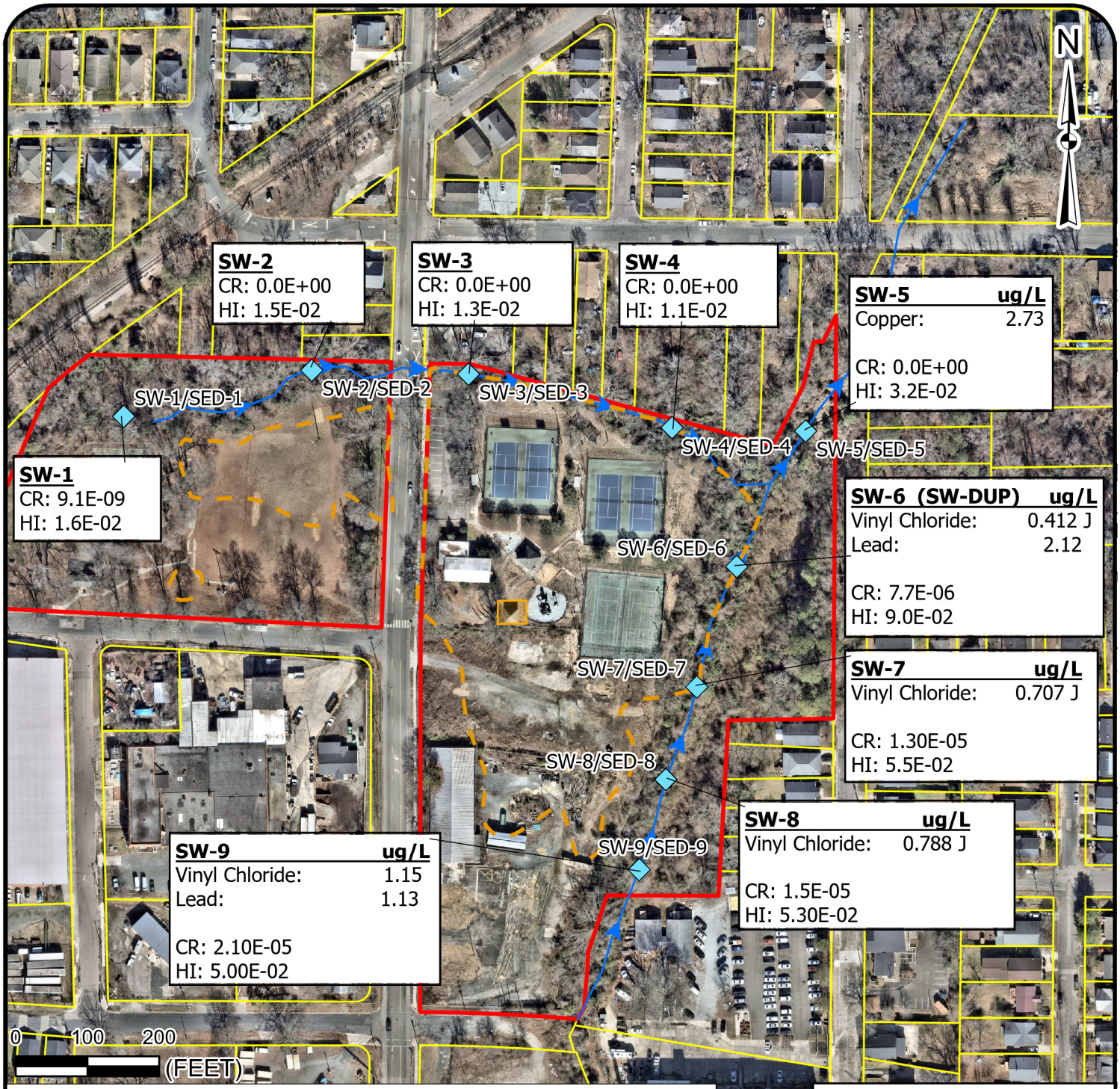
NOTES:
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN DECEMBER 5 AND 9, 2025. ELEVATION IS MEASURED IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL). APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROW.

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.

GROUNDWATER POTENTIOMETRIC MAP

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 175 ft
DATE: 4/7/2026
PROJECT NUMBER 23050630
FIGURE NO. 5



NOTES:

SURFACE WATER SAMPLING WAS CONDUCTED ON DECEMBER 15, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2B SURFACE WATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L).

A DUPLICATE SAMPLE WAS TAKEN AT SW-6. THE HIGHER DETECTED CONCENTRATION IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESSPASSER RECEPTOR. VALUES IN RED EXCEED RISK.

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

CR: CARCINOGENIC RISK.

HI: HAZARD INDEX.

REFERENCE:

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

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

SURFACE WATER ANALYTICAL RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

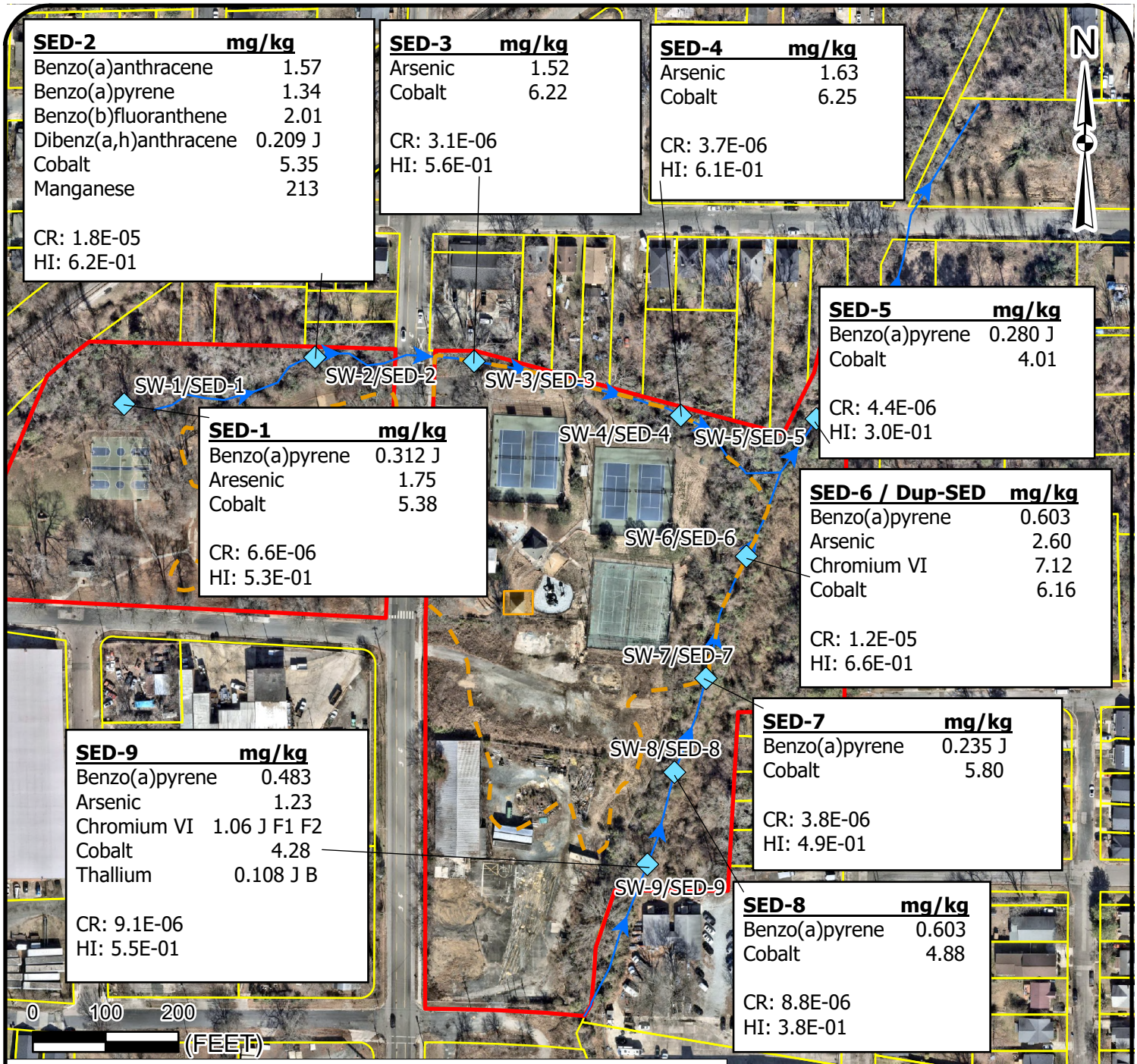
SCALE: 1 in = 200 ft

DATE: 4/9/2026

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-10 Figures\East End\EEP RI-10A\EEP RI-10A.aprx Plotted by: RachelMoore



NOTES:

SEDIMENT SAMPLING WAS CONDUCTED ON DECEMBER 15, 2025. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSLs) FOR SOIL ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/kg). A DUPLICATE SAMPLE WAS TAKEN AT SED-6. THE HIGHER DETECTED CONCENTRATION IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RESIDENTIAL RECEPTOR. VALUES IN RED EXCEED RISK.

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

B: COMPOUND WAS FOUND IN BLANK AND SAMPLE.

F1: MS AND/OR MSD EXCEEDS CONTROL LIMITS.

F2: MS/MSD RPD EXCEEDS CONTROL LIMITS.

CR: CARCINOGENIC RISK.

HI: HAZARD INDEX.

REFERENCE:

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

SEDIMENT SAMPLE ANALYTICAL RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823RI-10A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft

DATE: 4/8/2026

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-10 Figures\East End\EEP RI-10A\EEP RI-10A.aprx Plotted by: abentz

Tables

TABLE 1
Landfill Gas Probe & Gas Implant Construction Details
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

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	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-2	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-3	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-4	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-5	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	7.0	0.0 - 5.0	5.0 - 7.0	0.0 - 2.0	2.0 - 4.0	4.0 - 7.0
LFGP-6	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-7	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-8	4/11/25	Flushmount-Gas Probe	1-in Sch 40 PVC	9.0	0.0 - 6.0	6.0 - 9.0	0.0 - 3.0	3.0 - 5.0	5.0 - 9.0
LFGP-9	4/11/25	Flushmount-Gas Implant	1/4" tubing	5.0	NA	4.0 - 5.0	NA	0.0 - 3.0	3.0 - 5.0
LFGP-10	4/11/25	Flushmount-Gas Implant	1/4" tubing	4.0	NA	3.0 - 4.0	NA	0.0 - 2.0	2.0 - 4.0

Notes:
LFGP-9 and LFGP-10 were installed as soil gas implants 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 - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Field Parameter		Volatile Organic Compounds (ppm-v)	Methane (Volume in Air %)	Methane (% Lower Explosive Limit)	Hydrogen Sulfide (ppm-v)
Sample ID	Screening Date				
BG-1	12/10/2025	0.0	0.0	0.0	0.0
BG-2	12/10/2025	0.0	0.0	0.0	0.0
BG-3	12/10/2025	0.0	0.0	0.0	0.0
BG-4	12/10/2025	0.0	0.0	0.0	0.0
LFGP-1	12/10/2025	0.0	0.0	0.0	0.0
LFGP-2	12/10/2025	0.0	0.0	0.0	0.0
LFGP-3	12/10/2025	0.0	0.0	0.0	0.0
LFGP-4	12/10/2025	0.0	0.0	0.0	0.0
LFGP-5	12/10/2025	0.0	**12.5**	>>>	0.0
LFGP-6	12/10/2025	0.0	0.0	0.0	0.0
LFGP-7	12/10/2025	0.0	0.0	0.0	0.0
LFGP-8	12/10/2025	0.0	**1.3**	**26.0**	0.0
LFGP-9	12/10/2025	0.0	0.0	0.0	0.0
LFGP-10	12/10/2025	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 - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Analyte	CAS Number	Sample ID	823-LFGP-1	823-LFGP-2	823-LFGP-3	823-LFGP-4	823-LFGP-5	823-LFGP-6	823-LFGP-7	823-LFGP-8	823-LFGP-9	823-LFGP-10	823-DUP-1
				Date Collected	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025	12/29/2025
Volatile Organic Compounds by Method TO-15 (µg/m3)		1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		<6.8	<5.8	<6.2	**3.7 J**	<56	**75**	<5.7	**6.1**	**52**	**34**	**3.4 J**
		4-Methyl-2-pentanone (MIBK)	108-10-1		<3.6	<3.1	<3.3	<3.2	<120	<3.4	**5.5**	<2.9	<3.2	<3.1	<3.4
		Acetone	67-64-1		**16 J**	**11 J**	**20**	**19**	<70	**14 J**	<18	**13 J**	**9.7 J**	**8.2 J**	**8.3 J**
		Benzene	71-43-2		<2.8	<2.4	<2.6	<2.5	<23	<2.7	<2.4	**5.9**	<2.5	<2.5	<2.7
		Chloroform	67-66-3		<4.3	<3.7	<3.9	<3.9	<36	<4.1	**5.6**	<3.4	<3.8	**2.8 J**	<4.1
		Cyclohexane	110-82-7		<3.0	<2.6	<2.8	<2.7	**120**	<2.9	<2.6	**3.4**	<2.7	<2.6	<2.9
		Dichlorodifluoromethane	75-71-8		**2.4 J**	**2.2 J**	**2.7 J**	**2.0 J**	<36	**1.8 J**	**2.0 J**	**1.9 J**	**1.5 J**	**1.6 J**	**2.0 J**
		Ethanol	64-17-5		<17	<14	**6.7 J**	**9.0 J**	<69	**8.4 J**	<14	**7.1 J**	<15	<14	<16
		Heptane	142-82-5		<3.6	<3.1	<3.3	<3.2	**17 J**	<3.4	<3.0	**1.6 J**	<3.2	<3.1	<3.4
		Hexane	110-54-3		<3.1	<2.7	**1.3 J**	<2.8	**84**	<2.9	<2.6	**7.0**	<2.7	<2.7	<3.0
		m+p-Xylenes	179601-23-1		<7.7	<6.6	<7.0	<6.9	**11 J**	<7.2	<6.4	<6.0	<6.7	<6.7	<7.3
		Methylene chloride	75-09-2		<6.1	<5.2	<5.6	<5.5	<100	<5.8	<5.1	**1.7 J**	<5.4	<5.3	<5.8
		2-Propanol	67-63-0		**3.1 J**	<7.4	**3.1 J**	**3.8 J**	<90	<8.2	<7.3	**7.6**	<7.6	<7.6	**3.4 J**
		Tetrachloroethylene (PCE)	127-18-4		**22**	**730**	<5.5	**190**	<50	<5.6	**6.2**	<4.7	**5.4**	**7.3**	**210**
		Toluene	108-88-3		**8.9**	**2.8 J**	**9.8**	**7.3**	<28	**7.9**	**2.0 J**	**13**	<5.8	**2.1 J**	**3.3 J**
		Trichloroethylene	79-01-6		<4.7	**2.5 J**	<4.3	<4.2	<39	<4.5	<4.0	<3.7	<4.2	<4.1	<4.5
		Trichlorofluoromethane	75-69-4		<5.0	<4.2	<4.5	<4.4	<41	<4.7	<4.2	**2.1 J**	<4.4	<4.3	<4.7
		2,2,4-Trimethylpentane	540-84-1		<4.1	<3.5	<3.8	<3.7	**35**	<3.9	<3.5	**68**	<3.6	<3.6	<3.9
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		**0.00017 J**	<0.00015	**0.00019**	<0.00016	**10**	<0.00017	<0.00015	**1.0**	<0.00016	<0.00015	<0.00017
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			6.1E-08	2.0E-06	0.0E+00	5.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-08	See 823-LFGP-4 Risk Assessment.
		Non-Carcinogenic Hazard Quotiennt			1.7E-02	5.3E-01	1.3E-03	1.5E-01	8.4E-03	0.0E+00	5.9E-04	6.2E-04	7.3E-04	5.9E-03	
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			4.7E-09	1.5E-07	0.0E+00	4.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-09	
		Non-Carcinogenic Hazard Quotient			1.3E-03	4.2E-02	1.0E-04	1.2E-02	6.7E-04	0.0E+00	4.7E-05	4.9E-05	5.8E-05	4.7E-04	

Notes:
µg/m^3: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations were not entered into the NCDEQ Risk Calculator (January 2025 Version), Compound not in Calculator.
Exceedes the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
Duplicate sample taken at LFGP-4.
Hydrogen Sulfide Samples were collected 12/30/2025.
J: Estimated value less than the reporting limit but greater than the method detection limit.
NE: No entries into the Risk Calculator.

TABLE 4
Groundwater Monitor Well Construction & Groundwater Level
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)			Screen Interval (ft-bgs)			Grout Interval (ft-bgs)			Bentonite Interval (ft-bgs)			Filter Pack Interval (ft-bgs)			Top of Casing Elevation (ft-amsl)	Date Water Level Measured	Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
MW-1	5/15/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	57.5	0.0	to	37.5	37.5	to	57.5	0.0	to	33.5	33.5	to	35.5	35.5	to	57.5	339.19	12/5/2025	4.94	334.25
MW-2	5/15/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	28.0	0.0	to	8.0	8.0	to	28.0	0.0	to	4.0	4.0	to	6.0	6.0	to	28.0	337.12	12/5/2025	11.41	325.71
MW-3	5/15/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	56.5	0.0	to	36.5	36.5	to	56.5	0.0	to	32.5	32.5	to	34.5	34.5	to	56.5	341.60	12/5/2025	10.31	331.29
MW-4	5/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	54.0	0.0	to	34.0	34.0	to	54.0	0.0	to	30.0	30.0	to	32.0	32.0	to	54.0	346.37	12/9/2025	15.1	331.27
MW-5	5/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	18.0	0.0	to	8.0	8.0	to	18.0	0.0	to	4.0	4.0	to	6.0	6.0	to	18.0	329.68	12/9/2025	2.45	327.23
MW-6	5/14/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	20.0	0.0	to	10.0	10.0	to	20.0	0.0	to	6.0	6.0	to	8.0	8.0	to	20.0	331.41	12/5/2025	10.53	320.88
MW-7	5/15/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	32.0	0.0	to	12.0	12.0	to	32.0	0.0	to	8.0	8.0	to	10.0	10.0	to	32.0	333.80	12/5/2025	3.13	330.67
MW-8	5/15/25	Flush Mount - Monitoring Well	2-in Sch 40 PVC	58.0	0.0	to	38.0	38.0	to	58.0	0.0	to	34.0	34.0	to	36.0	36.0	to	58.0	342.40	12/5/2025	14.86	327.54

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

TABLE 5

Groundwater Field Screening Parameters

City of Durham Parks - East End Park (NONCD0000823)

1200 N. Alston Avenue, Durham, North Carolina

S&ME Project No. 23050630 Task Order RI-10A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	12/5/2025	7.93	16.8	640.0	2.0
MW-2	12/5/2025	7.48	17.2	620.0	12.8
MW-3	12/5/2025	9.80	16.0	500.0	27.1
MW-4	12/9/2025	7.66	18.3	250.0	19.8
MW-5	12/9/2025	6.62	17.0	560.0	56.9
MW-6	12/5/2025	6.90	17.3	1480.0	17.1
MW-7	12/5/2025	7.16	15.8	610.0	1.7
MW-8	12/5/2025	7.11	17.0	730.0	0.1

Notes:

Temperature: degrees Celsius (°C)

Conductivity: microsiemens per centimeter (µS/cm)

Turbidity: Nephelometric Turbidity Units

NM: Not Measured

TABLE 6
Groundwater Sample Analytical Results Summary
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)		Method 8270E - Semi Volatile Organic Compounds (VOCs)				Method 6020B - Metals											Method 350.1	Method 353.2	Method 353.2	Method 9056A
CAS Number		1634-04-4	127-18-4	83-32-9	86-73-7	85-01-8	108-95-2	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	7664-41-7	14797-65-0	14797-55-8	14808-79-8
Analyte		Methyl tert-butyl ether	Tetrachloroethene	Acenaphthene	Fluorene	Phenanthrene	Phenol	Antimony	Arsenic	Barium	Beryllium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Ammonia Nitrogen	Nitrite as (N)	Nitrate as (N)	Sulfate
Sample ID	Date Collected																						
MW-1	12/5/2025	<0.220	<0.330	<0.447	<0.475	<0.525	<0.482	<2.45	**2.16 J ^+**	**179**	**0.517 J**	<3.69	<0.411 ^+	<0.642 ^+	<0.864	**17.7**	**0.561 J ^+**	<1.22	<8.91 ^+	<100 F1	<100	**79 J**	**4790 J**
MW-2	12/5/2025	<0.220	<0.330	<0.451	<0.480	<0.530	<0.487	<2.45	<1.32 ^+	**665**	**0.537 J**	<3.69	**0.441 J ^+**	<0.642 ^+	<0.864	**192**	**2.37 J ^+**	**2.75 J**	<8.91 ^+	<100	<100	**57 J**	**9940 F2 F1**
MW-3	12/5/2025	<0.220	<0.330	<0.454	<0.483	<0.534	<0.490	**3.13 J**	<1.32 ^+	**218**	**0.390 J**	**14.1**	**0.415 J ^+**	**3.12**	<0.864	**20.5**	**1.05 J ^+**	**3.04 J**	<8.91 ^+	**548**	**85 J**	<10	**11600**
MW-4	12/9/2025	<0.175	<0.193	<0.645	<0.686	<0.758	<0.696	<2.45	<1.32	**29.1**	<0.147	**4.12 J**	<0.411	**25.5**	<0.864	**10.4**	**5.28**	**3.09 J**	**84.6**	<184	<100	<14.1	**6090**
MW-5	12/9/2025	<0.175	<0.193	**5.24 J**	**2.56 J**	**2.51 J**	<0.692	<2.45	**3.69 J**	**449**	<0.147	<3.69	**3.27 J**	<0.642	<0.864	**3750**	**0.655 J**	<1.22	**17.4**	**1770**	<100	<14.1	**2690**
MW-6	12/5/2025	<0.220	<0.330	<0.454	<0.483	<0.534	<0.490	<2.45	**5.98**	**805**	**0.460 J**	<3.69	**1.11 J ^+**	**0.815 J ^+**	<0.864	**2570**	**1.43 J ^+**	<1.22	**10.6**	**5460**	<100	**77 J**	**2340 J**
MW-7	12/5/2025	<0.220	**0.387 J**	<0.454	<0.483	<0.534	<0.490	<2.45	<1.32 ^+	**543**	**0.497 J**	<3.69	**1.05 J ^+**	<0.642 ^+	<0.864	**158**	**2.21 J ^+**	**2.15 J**	<8.91 ^+	<100	<100	**20000**	**3110 J**
MW-8	12/5/2025	**11.1**	<0.330	<0.458	<0.487	<0.538	**1.22 J**	<2.45	**2.54 J ^+**	**1010**	**0.595 J**	<3.69	<0.411 ^+	<0.642 ^+	<0.864	**1490**	**0.733 J ^+**	<1.22	<8.91 ^+	<100	<100	**80 J**	**15700**
120925-Dup-1	12/9/2025	<0.175	<0.193	**5.38 J**	**2.75 J**	**2.68 J**	<0.692	<2.45	**4.02 J**	**450**	<0.147	<3.69	**2.81 J**	<0.642	<0.864	**3570**	**0.562 J**	<1.22	**27.5**	**1890**	<100	<14.1	**2600**
120525-Dup-1	12/5/2025	**11.9**	<0.330	<0.451	<0.480	<0.530	**2.88 J**	<2.45	**2.99 J ^+**	**1370**	**0.581 J**	<3.69	**0.528 J ^+**	<0.642 ^+	<0.864	**2640**	**0.761 J ^+**	<1.22	<8.91 ^+	<100	<100	**51 J**	<1400
15A NCAC 2L Groundwater Standards & IMACs		20	0.7	80	300	200	30	1	10	700	4	10	1	1,000	15	50	100	7	1,000	1,500	1,000	10,000	250,000

Notes:

All constituents are measured in Micrograms per liter (µg/L).

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 2L Groundwater Standards or IMACS.

J: Estimated value less than the reporting limit but greater than the method detection limit.

E: Result exceeded calibration range.

B: Compound was found in blank and sample.

^+: Continuing Calibration Verification outside acceptance limits, high biased.

F1: MS and/or MSD recovery exceeds control limits.

F2: MS/MSD RPD exceeds control limits.

120925-DUP-1 was collected from MW-5.

120525-DUP-1 was collected from MW-8.

Table 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)						Method 8270E - SVOCs	Method 6020B - Metals							Method 350.1	Method 9056A	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		67-66-3	75-34-3	156-59-2	79-01-6	76-13-1	75-01-4	123-91-1	7440-39-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-66-6	7664-41-7	14808-79-8		
Analyte		Chloroform	1,1-Dichloroethane	cis-1,2-Dichloroethene	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl Chloride	1,4-Dioxane	Barium	Cobalt	Copper	Lead	Manganese	Nickel	Zinc	Ammonia Nitrogen	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																		
823-SW-1	12/15/2025	**0.277 J**	<0.214	<0.227	<0.211	<0.270	<0.304	<0.284	**25.8**	<0.411	**2.61**	<0.864	**37.5**	<0.422	**23.9**	**87 J**	**54600**	9.1E-09	1.6E-02
823-SW-2	12/15/2025	<0.216	<0.214	<0.227	<0.211	<0.270	<0.304	<0.286	**26.0**	<0.411	**1.26 J**	<0.864	**35.6**	**0.947 J**	**17.6**	**70 J**	**53000**	0.0E+00	1.5E-02
823-SW-3	12/15/2025	<0.216	<0.214	<0.227	<0.211	<0.270	<0.304	<0.286	**25.4**	<0.411	**2.32**	<0.864	**30.2**	<0.422	**13.9**	**51 J**	**52400**	0.0E+00	1.3E-02
823-SW-4	12/15/2025	<0.216	<0.214	<0.227	<0.211	<0.270	<0.304	<0.286	**27.1**	<0.411	**1.60 J**	<0.864	**24.7**	**0.539 J**	**12.4**	**31 J**	**52400**	0.0E+00	1.1E-02
823-SW-5	12/15/2025	<0.216	<0.214	**1.31**	<0.211	**0.633 J**	<0.304	<0.299	**39.6**	<0.411	**2.73**	<0.864	**65.2**	**1.06 J**	**18.9**	**31 J**	**49900 F1**	0.0E+00	3.2E-02
823-SW-6	12/15/2025	<0.216	**0.368 J**	**2.55**	<0.211	**1.83 J**	**0.411 J**	<0.307	**52.4**	<0.411	**1.43 J**	<0.864	**82.3**	**1.19 J**	**22.7**	**37 J**	**46800**	7.7E-06	9.0E-02
823-SW-7	12/15/2025	<0.216	**0.462 J**	**3.44**	**0.272 J**	**2.59 J**	**0.707 J**	<0.307	**54.6**	<0.411	**1.65 J**	<0.864	**89.6**	**1.30 J**	**24.3**	**49 J**	**46700**	1.30E-05	5.5E-02
823-SW-8	12/15/2025	<0.216	**0.309 J**	**3.63**	**0.264 J**	**2.49 J**	**0.788 J**	**0.318**	**53.4**	<0.411	**2.04**	<0.864	**83.5**	**1.50 J**	**26.4**	**44 J**	**46500**	1.5E-05	5.30E-02
823-SW-9	12/15/2025	<0.216	<0.214	**3.98**	**0.213 J**	**2.59 J**	**1.15**	**0.385**	**53.4**	<0.411	**2.03**	**1.13**	**70.8**	**1.40 J**	**30.6**	**64 J**	**47100**	2.10E-05	5.00E-02
823-SW-DUP	12/15/2025	<0.216	<0.214	**2.77**	**0.294 J**	**1.99 J**	**0.412 J**	**0.363**	**56.8**	**0.412 J**	**2.64**	**2.12**	**185**	**1.50 J**	**31.5**	**41 J**	**46900**	**See SW-6**	
15A NCAC 2B Surface Water Standards		**NE**	**NE**	**NE**	**NE**	**NE**	**0.025**	**NE**	**1,000**	**NE**	**2.7**	**0.54**	**NE**	**16**	**36**	**NE**	**250,000**		

Notes:
All constituents are measured in Micrograms per liter (µg/L).
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 taken at SW-6.
J: Estimated value less than the reporting limit but greater than the method detection limit.
NE: Standard Not Established
NCDEQ Risk Calculator Values shown in red exceed risk.

Table 8
Sediment Sample Analytical Results Summary
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

| Analytical Method | | Method 8260D - Volatile Organic Compounds (VOCs) | | | Method 8270E - Semi Volatile Organic Compounds (SVOC) | | |

Appendices

Appendix I- Coordinates of Selected Features

APPENDIX I
Coordinates of Selected Features
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-10A

Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
LFGP-1	Landfill Gas Probe	35.99790726	-78.88657655	818155.7041	2033551.4697
LFGP-2	Landfill Gas Probe	35.99789942	-78.88616369	818152.9899	2033673.5997
LFGP-3	Landfill Gas Probe	35.99771693	-78.88634744	818086.4969	2033619.3197
LFGP-4	Landfill Gas Probe	35.99803681	-78.88558547	818203.1991	2033844.5817
LFGP-5	Landfill Gas Probe	35.99779363	-78.88466374	818114.9939	2034117.3390
LFGP-6	Landfill Gas Probe	35.99750701	-78.88510455	818010.5049	2033987.0670
LFGP-7	Landfill Gas Probe	35.99736951	-78.8855589	817960.2960	2033852.7237
LFGP-8	Landfill Gas Probe	35.99708600	-78.884825	817857.3123	2034069.9976
LFGP-9	Landfill Gas Probe	35.99694400	-78.885466	817805.6129	2033880.4323
LFGP-10	Landfill Gas Probe	35.99681400	-78.885112	817758.2216	2033985.2674
MW-1	Monitor Well	35.986683	-78.870838	818129.99	2033449.59
MW-2	Monitor Well	35.986772	-78.870354	818226.33	2033645.30
MW-3	Monitor Well	35.985891	-78.871528	818040.28	2033628.00
MW-4	Monitor Well	35.985232	-78.871562	817859.58	2033798.93
MW-5	Monitor Well	35.984758	-78.870789	817636.64	2033982.20
MW-6	Monitor Well	35.985273	-78.870648	818121.95	2034169.36
MW-7	Monitor Well	35.985690	-78.870251	818352.52	2034058.28
MW-8	Monitor Well	35.985891	-78.870345	817825.44	2034363.31
SW-1/SED-1	Surface Water Sediment	35.984638	-78.871159	813330.90	2038118.23
SW-2/SED-2	Surface Water Sediment	35.984959	-78.871029	813447.72	2038156.53
SW-3/SED-3	Surface Water Sediment	35.985202	-78.870914	813536.42	2038190.60
SW-4/SED-4	Surface Water Sediment	35.985766	-78.870655	813741.83	2038266.85
SW-5/SED-5	Surface Water Sediment	35.986517	-78.870312	814015.32	2038368.18
SW-6/SED-6	Surface Water Sediment	35.987186	-78.870219	814258.82	2038395.25
SW-7/SED-7	Surface Water Sediment	35.986517	-78.870312	814015.32	2038368.18
SW-8/SED-8	Surface Water Sediment	35.987186	-78.870219	814258.82	2038395.25
SW-9/SED-9	Surface Water Sediment	35.987774	-78.870173	814472.98	2038408.49

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:	**Eas End Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**			
NCDEQ ID No.:	**NONCD0000823**	Date:	12/10/2025	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:		S&ME Personnel:	BG & CF	Thermo Hygrometer	UEI OTH 10	UEI OTH 10	Post Calibration Time:

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

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**	**%**
LFGP-1	11:10	0.0		0.0		0.1	20.7	0			
LFGP-2	11:05	0.0		0.0		2.7	18.9	0			
LFGP-3	11:15	0.0		0.0		0.2	19.5	0			
LFGP-4	11:20	0.0		0.0		4.1	18.9	0	29.46		
LFGP-5	11:30	0.0		12.5		9.9	0.5	0			
LFGP-6	11:40	0.0		0.0		10.5	8.9	0			
LFGP-7	11:45	0.0		0.0		7.0	15.8	0			
LFGP-8	11:50	0.0		1.3		4.4	1.5	0			
LFGP-9 (Implant)	12:00	0.0		0.0		6.7	13.0	0			
LFGP-10 (Implant)	11:55	0.0		0.0		8.4	7.0	0			

Name	**Signature**	**Date**	**Notes:**
(1)			**LFGP-2 needs new fittings**

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	East End Park		
Project Number:	23050630 - 823RI-		
Location:	Durham, NC	**Date:**	12/29/2025
Weather:	Overcast	**Air Temp (°F):**	60
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	823-LFGP-1	823-LFGP-2	823-LFGP-3	823-LFGP-4	823-LFGP-5
Canister ID	6L4029	6L3402	6L1509	6L2015	6L3201
Regulator ID	23105	24362	24148	23705	23596
Canister Volume (L)	6	6	6	6	6
Ambient Temp (°F)	60	60	63	60	58
Barometric Pressure (inHg)					
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	17	14	14.4	16.5	15.4
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)
	9	0	48	9	0	48	9	0	48	9	0	48	7	0	24
Sand Pack Interval Depth (in-bgs)	72	to	120	72	to	120	72	to	120	72	to	120	60	to	84
Volume (mL)	1039			1039			1039			1039			531		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	15.6			15.6			15.6			15.6			8.0		
Actual Purge Time (min)	20.0			20.0			20.0			20.0			20.0		

Sample Collection					
Start Time	11:26	10:54	11:11	10:40	12:58
Initial Vacuum (inHg)	26	30	29	29	28
End Time	12:28	11:54	12:14	11:40	14:09
Final Vacuum (inHg)	26	8	9	7	7
Approximate Total Time (min)	62	60	63	60	71
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: Sampler Signature: Date:

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.

Revision Date: 5/3/18 11:30

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	East End Park				
Project Number:	23050630 - 823RI-				
Location:	Durham, NC			**Date:**	12/29/2025
Weather:				**Air Temp (°F):**	
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)			**Calibration Date:**	

Sample Information					
Sample Type				Soil Gas Implant	Soil Gas Implant
Sample ID	LFGP-6	LFGP-7	LFGP-8	LFGP-9	LFGP-10
Canister ID	6L1541	6L3607	6L0397	6L1905	6L2920
Regulator ID	24884	23795	24051	23164	23720
Canister Volume (L)	6	6	6	6	6
Ambient Temp (°F)					
Barometric Pressure (inHg)					
Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	14		14.6		14.5
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)
	9	0	48	9	0	48	9	0	48	5	0	12	4	0	12
Sand Pack Interval Depth (in-bgs)	72	to	120	72	to	120	72	to	120	36	to	48	24	to	36
Volume (mL)	1039			1039			1039			272			268		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	15.6			15.6			15.6			4.1			4.0		
Actual Purge Time (min)	20.0			20.0			20.0			5.0			5.0		

Sample Collection					
Start Time	12:05	12:40	13:46	14:20	13:50
Initial Vacuum (inHg)	29	26	28	27	27
End Time	13:00	13:46	14:54	15:22	14:59
Final Vacuum (inHg)	9	3	6	7	7
Approximate Total Time (min)	55	66	68	62	69
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: Sampler Signature: Date:

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:	East End Park		
Project Number:	23050630 - 823RI-		
Location:	Durham, NC	**Date:**	12/29/2025
Weather:	Sunny	**Air Temp (°F):**	
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information															
Sample Type															
Sample ID	823-DUP-1														
Canister ID	6L4161														
Regulator ID	23244														
Canister Volume (L)	6														
Ambient Temp (°F)	60														
Barometric Pressure (inHg)															
3															
Purge Method	Personal Pump														
He Concentration in Shroud (%)	16.5														
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)
	9	0	28	9	0	48		0			0			0	
Sand Pack Interval Depth (in-bgs)	72	to	100	72	to	120		to			to			to	
Volume (mL)	623														
Purge Flow Rate (mL/min)	200														
Purge Interval (3x Vol.) (min)	9.3														
Actual Purge Time (min)	20.0														

Sample Collection	
Start Time	10:40
Initial Vacuum (inHg)	29
End Time	11:40
Final Vacuum (inHg)	9
Approximate Total Time (min)	60
Sample Analysis	VOCs by TO-15

Sampler Information

Sampled by: Sampler Signature: Date:

Notes:
1. Per the NCDEQ DWM VI Guidance dated March 2018, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.
2. Dup-1 is taken at LFGP-4 .

GROUNDWATER SAMPLING FIELD DATA

Location: East End Park
Project No.:
Source Well:
Locked?: Yes: x No:
Sampled By:

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time:
Weather:
Air Temp:

Water Level & Well Data

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

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

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

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
	12/5/25							
	12/5/25							
	12/5/25							

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

Final Readings

		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time: 930
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 4.94 feet
Depth to well bottom from measuring point: feet
Height of water column: -4.94 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -4.94 x .163 = -0.80522 Gallons -3.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
0915	12/5/25	13.90	7.97	0.65	3.02			
0925	12/5/25	16.00	7.90	0.63	1.52			
0930	12/5/25	16.80	7.93	0.64	2.01			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
5.0%	0.4%	1.6%	32.2%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

Location: East End Park
Project No.:
Source Well: MW-2
Locked?: Yes: x No:
Sampled By:

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time: 1015
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 11.41 feet
Depth to well bottom from measuring point: feet
Height of water column: -11.41 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -11.41 x .163 = -1.85983 Gallons -7.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
0955	12/5/25	15.50	7.41	0.64	13.40			
1005	12/5/25	17.10	7.49	0.63	14.40			
1015	12/5/25	17.20	7.48	0.62	12.80			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
0.6%	0.1%	1.6%	11.1%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time: 1135
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 10.31 feet
Depth to well bottom from measuring point: feet
Height of water column: -10.31 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -10.31 x .163 = -1.68053 Gallons -6.4 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1110	12/5/25	16.00	8.46	0.56	7.20			
1115	12/5/25	16.50	8.13	0.58	20.20			
1120	12/5/25	17.00	9.86	0.51	33.00			
1125	12/5/25	16.00	9.80	0.5	27.10			

Temp	pH	Conductivity	*Turbidity	DO
3.0%	21.3%	12.1%	63.4%	#DIV/0!
5.9%	0.6%	2.0%	17.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Final Readings

		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 9, 2025
Purge Time:
Sample Date: Tuesday, December 9, 2025
Sample Time: 1045
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 15.10 feet
Depth to well bottom from measuring point: feet
Height of water column: -15.10 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -15.1 x .163 = -2.4613 Gallons -9.3 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1020	12/9/25	17.50	7.87	0.26	13.50			
1025	12/9/25	17.90	7.78	0.25	11.80			
1030	12/9/25	18.10	7.75	0.25	14.70			
1035	12/9/25	17.70	7.67	0.25	15.70			
1040	12/9/25	18.30	7.66	0.25	19.80			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
1.1%	0.4%	0.0%	24.6%	#DIV/0!
2.2%	1.0%	0.0%	6.8%	#DIV/0!
3.4%	0.1%	0.0%	26.1%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Tuesday, December 9, 2025
Purge Time:
Sample Date: Tuesday, December 9, 2025
Sample Time: 1215
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 2.45 feet
Depth to well bottom from measuring point: feet
Height of water column: -2.45 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -2.45 x .163 = -0.39935 Gallons -1.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	6.97	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1115	12/9/25	15.9	6.97	0.55	146			
1120	12/9/25	16.3	6.76	0.57	141			
1125	12/9/25	16.5	6.70	0.56	119			
1130	12/9/25	16.7	6.68	0.56	107			
1135	12/9/25	16.5	6.67	0.56	80.5			
1140	12/9/25	17.1	6.66	0.56	70.5			
1145	12/9/25	17.2	6.63	0.56	61.3			
1150	12/9/25	17.1	6.62	0.56	55.1			
1155	12/9/25	17.0	6.62	0.56	56.9			

Temp	pH	Conductivity	*Turbidity	DO
1.2%	0.9%	1.8%	15.6%	#DIV/0!
1.2%	0.3%	0.0%	10.1%	#DIV/0!
1.2%	0.1%	0.0%	24.8%	#DIV/0!
3.6%	0.1%	0.0%	12.4%	#DIV/0!
0.6%	0.5%	0.0%	13.0%	#DIV/0!
0.6%	0.2%	0.0%	10.1%	#DIV/0!
0.6%	0.0%	0.0%	3.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Final Readings

		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments **Sample 120925-DUP-1 collected from this well.**

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time: 1255
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 10.53 feet
Depth to well bottom from measuring point: feet
Height of water column: -10.53 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -10.53 x .163 = -1.71639 Gallons -6.5 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1240	12/5/25	14.50	7.01	1.48	16.70			
1245	12/5/25	16.60	6.93	1.50	16.30			
1250	12/5/25	17.30	6.90	1.48	17.10			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
4.2%	0.4%	1.3%	4.9%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time: 1200
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 3.13 feet
Depth to well bottom from measuring point: feet
Height of water column: -3.13 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -3.13 x .163 = -0.51019 Gallons -1.9 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1145	12/5/25	14.70	7.32	0.61	8.46			
1150	12/5/25	16.10	7.10	0.60	1.19			
1155	12/5/25	15.80	7.16	0.61	1.67			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
1.9%	0.8%	1.7%	40.3%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1)
(2)

GROUNDWATER SAMPLING FIELD DATA

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

Purge Date: Friday, December 5, 2025
Purge Time:
Sample Date: Friday, December 5, 2025
Sample Time: 1100
Weather:
Air Temp:

Water Level & Well Data

Depth to water from measuring point: 14.86 feet
Depth to well bottom from measuring point: feet
Height of water column: -14.86 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

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

Purge Time
Start Stop
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: -14.86 x .163 = -2.42218 Gallons -9.2 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW	ORP
1045	12/5/25	15.40	7.25	0.71	9.96			
1050	12/5/25	16.80	7.18	0.71	3.13			
1055	12/5/25	17.00	7.11	0.73	0.06			
Final Readings								
		* C	units	mS/cm	NTU			

Temp	pH	Conductivity	*Turbidity	DO
1.2%	1.0%	2.8%	98.1%	#DIV/0!
100.0%	100.0%	100.0%	100.0%	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analytical Data

Method	Container Type and No.	Preservation

Comments **Sample 120525-DUP-1 collected from this well.**

Sampler Signatures (1)
(2)

Environmental Field Report

Date:	Job Number:
12 / 15 /2025	23050630
Project Name: City of Durham Parks East End Park SED/SW Sampling	**Weather/Temperature:** Cold, windy, 25°F
Project Location: 1200 N. Alston Avenue, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin Brandon Governo, Madison Allen

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

Purpose: Sample the sediment and surface water along the waterway at East End 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) JO	Turbidity (NTU)	Relative Flow
0945	SED-9	SW-9	7.57	597	~~8.4~~ 0.9	1.71	Low
1015	SED-8	SW-8	8.30	606	2.2	3.40	Low
1045	SED-7	SW-7	8.10	607	JO ~~12.29.22~~	12.29	Low
1115	SED-6	SW-6	8.12	595	3.2°C	1.20	Low
1115	SED-Dup	SW-Dup	8.12	595	3.2°C	1.20	Low
1145	SED-5	SW-5	8.15	461	1.8°C	1.08	Low
1215	SED-4	SW-4	6.81	422	4.0	1.33	Low
1245	SED-3	SW-3	7.71	416	4.9	1.47	Low
1315	SED-2	SW-2	8.00	284	4.0	0.48	Low
1345	SED-1	SW-1	7.81	270	4.2	1.10	Low

Hours	Mileage	Signature of S&ME Personnel
6.0	60	Jonathan Olanin

Appendix III – Laboratory Analytical Reports and COC

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
65000581

JOB NUMBER

650-3330-2

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

Generated
1/28/2026 12:41:55 PM

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: 650-3330-2
SDG: 65000581

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
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
650-3330-2

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

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

Receipt
The samples were received on 12/31/2025 12:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
Method TO15: The following sample was diluted due to the nature of the sample matrix: 823-LFGP-5 (650-3330-15). 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.

Air - GC VOA
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: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-1 — Lab Sample ID: 650-3330-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.1	J	8.7	2.9	ug/m3	1.766		TO-15	Total/NA
Acetone	16	J	21	7.0	ug/m3	1.766		TO-15	Total/NA
Freon 12	2.4	J	4.4	1.5	ug/m3	1.766		TO-15	Total/NA
Tetrachloroethene	22		6.0	2.0	ug/m3	1.766		TO-15	Total/NA
Toluene	8.9		6.7	2.2	ug/m3	1.766		TO-15	Total/NA
Methane	0.00017	J	0.00018	0.000058	% v/v	1.766		D1946	Total/NA

Client Sample ID: 823-LFGP-2 — Lab Sample ID: 650-3330-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	18	6.0	ug/m3	1.509		TO-15	Total/NA
Freon 12	2.2	J	3.7	1.3	ug/m3	1.509		TO-15	Total/NA
Tetrachloroethene	730		5.1	1.7	ug/m3	1.509		TO-15	Total/NA
Toluene	2.8	J	5.7	1.9	ug/m3	1.509		TO-15	Total/NA
Trichloroethene	2.5	J	4.1	1.4	ug/m3	1.509		TO-15	Total/NA

Client Sample ID: 823-LFGP-3 — Lab Sample ID: 650-3330-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.1	J	7.9	2.7	ug/m3	1.611		TO-15	Total/NA
Acetone	20		19	6.4	ug/m3	1.611		TO-15	Total/NA
Ethanol	6.7	J	15	5.1	ug/m3	1.611		TO-15	Total/NA
Freon 12	2.7	J	4.0	1.4	ug/m3	1.611		TO-15	Total/NA
Hexane	1.3	J	2.8	0.97	ug/m3	1.611		TO-15	Total/NA
Toluene	9.8		6.1	2.0	ug/m3	1.611		TO-15	Total/NA
Methane	0.00019		0.00016	0.000053	% v/v	1.611		D1946	Total/NA

Client Sample ID: 823-LFGP-4 — Lab Sample ID: 650-3330-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.8	J	7.8	2.6	ug/m3	1.581		TO-15	Total/NA
Acetone	19		19	6.3	ug/m3	1.581		TO-15	Total/NA
Ethanol	9.0	J	15	5.0	ug/m3	1.581		TO-15	Total/NA
Freon 113	3.7	J	6.1	2.1	ug/m3	1.581		TO-15	Total/NA
Freon 12	2.0	J	3.9	1.3	ug/m3	1.581		TO-15	Total/NA
Tetrachloroethene	190		5.4	1.8	ug/m3	1.581		TO-15	Total/NA
Toluene	7.3		6.0	2.0	ug/m3	1.581		TO-15	Total/NA

Client Sample ID: 823-LFGP-5 — Lab Sample ID: 650-3330-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	35		34	12	ug/m3	1.469		TO15	Total/NA
Cyclohexane	120		25	8.6	ug/m3	1.469		TO15	Total/NA
Heptane	17	J	30	15	ug/m3	1.469		TO15	Total/NA
Hexane	84		26	13	ug/m3	1.469		TO15	Total/NA
m,p-Xylene	11	J	32	11	ug/m3	1.469		TO15	Total/NA
Methane	10		0.00015	0.000048	% v/v	1.469		D1946	Total/NA

Client Sample ID: 823-LFGP-6 — Lab Sample ID: 650-3330-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14	J	20	6.6	ug/m3	1.66		TO-15	Total/NA
Ethanol	8.4	J	16	5.2	ug/m3	1.66		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-LFGP-6 (Continued) — Lab Sample ID: 650-3330-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	75		6.4	2.2	ug/m3	1.66		TO-15	Total/NA
Freon 12	1.8	J	4.1	1.4	ug/m3	1.66		TO-15	Total/NA
Toluene	7.9		6.3	2.1	ug/m3	1.66		TO-15	Total/NA

Client Sample ID: 823-LFGP-7 — Lab Sample ID: 650-3330-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (MIBK)	5.5		3.0	1.0	ug/m3	1.482		TO-15	Total/NA
Chloroform	5.6		3.6	1.2	ug/m3	1.482		TO-15	Total/NA
Freon 12	2.0	J	3.7	1.2	ug/m3	1.482		TO-15	Total/NA
Tetrachloroethene	6.2		5.0	1.7	ug/m3	1.482		TO-15	Total/NA
Toluene	2.0	J	5.6	1.8	ug/m3	1.482		TO-15	Total/NA

Client Sample ID: 823-LFGP-8 — Lab Sample ID: 650-3330-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	68		3.3	1.1	ug/m3	1.392		TO-15	Total/NA
2-Propanol	7.6		6.8	2.3	ug/m3	1.392		TO-15	Total/NA
Acetone	13	J	17	5.5	ug/m3	1.392		TO-15	Total/NA
Benzene	5.9		2.2	0.76	ug/m3	1.392		TO-15	Total/NA
Cyclohexane	3.4		2.4	0.81	ug/m3	1.392		TO-15	Total/NA
Ethanol	7.1	J	13	4.4	ug/m3	1.392		TO-15	Total/NA
Freon 11	2.1	J	3.9	1.3	ug/m3	1.392		TO-15	Total/NA
Freon 113	6.1		5.3	1.8	ug/m3	1.392		TO-15	Total/NA
Freon 12	1.9	J	3.4	1.2	ug/m3	1.392		TO-15	Total/NA
Heptane	1.6	J	2.9	0.97	ug/m3	1.392		TO-15	Total/NA
Hexane	7.0		2.5	0.83	ug/m3	1.392		TO-15	Total/NA
Methylene Chloride	1.7	J	4.8	1.6	ug/m3	1.392		TO-15	Total/NA
Toluene	13		5.2	1.7	ug/m3	1.392		TO-15	Total/NA
Methane	1.0		0.00014	0.000046	% v/v	1.392		D1946	Total/NA

Client Sample ID: 823-LFGP-9 — Lab Sample ID: 650-3330-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.7	J	18	6.2	ug/m3	1.551		TO-15	Total/NA
Freon 113	52		5.9	2.0	ug/m3	1.551		TO-15	Total/NA
Freon 12	1.5	J	3.8	1.3	ug/m3	1.551		TO-15	Total/NA
Tetrachloroethene	5.4		5.3	1.8	ug/m3	1.551		TO-15	Total/NA

Client Sample ID: 823-LFGP-10 — Lab Sample ID: 650-3330-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.2	J	18	6.1	ug/m3	1.537		TO-15	Total/NA
Chloroform	2.8	J	3.8	1.3	ug/m3	1.537		TO-15	Total/NA
Freon 113	34		5.9	2.0	ug/m3	1.537		TO-15	Total/NA
Freon 12	1.6	J	3.8	1.3	ug/m3	1.537		TO-15	Total/NA
Tetrachloroethene	7.3		5.2	1.8	ug/m3	1.537		TO-15	Total/NA
Toluene	2.1	J	5.8	1.9	ug/m3	1.537		TO-15	Total/NA

Client Sample ID: 823-DUP-1 — Lab Sample ID: 650-3330-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	3.4	J	8.2	2.8	ug/m3	1.676		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-DUP-1 (Continued)

Lab Sample ID: 650-3330-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.3	J	20	6.6	ug/m3	1.676		TO-15	Total/NA
Freon 113	3.4	J	6.4	2.2	ug/m3	1.676		TO-15	Total/NA
Freon 12	2.0	J	4.1	1.4	ug/m3	1.676		TO-15	Total/NA
Tetrachloroethene	210		5.7	1.9	ug/m3	1.676		TO-15	Total/NA
Toluene	3.3	J	6.3	2.1	ug/m3	1.676		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-1

Date Collected: 12/29/25 12:28
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-11

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		4.8	1.6	ug/m3			01/19/26 20:15	1.766
1,1,2,2-Tetrachloroethane	ND		6.1	2.1	ug/m3			01/19/26 20:15	1.766
1,1,2-Trichloroethane	ND		4.8	1.6	ug/m3			01/19/26 20:15	1.766
1,1-Dichloroethane	ND		3.6	1.2	ug/m3			01/19/26 20:15	1.766
1,1-Dichloroethene	ND		3.5	1.2	ug/m3			01/19/26 20:15	1.766
1,2,4-Trichlorobenzene	ND		26	8.8	ug/m3			01/19/26 20:15	1.766
1,2,4-Trimethylbenzene	ND		4.3	1.5	ug/m3			01/19/26 20:15	1.766
1,2-Dibromoethane (EDB)	ND		6.8	2.3	ug/m3			01/19/26 20:15	1.766
1,2-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/19/26 20:15	1.766
1,2-Dichloroethane	ND		3.6	1.2	ug/m3			01/19/26 20:15	1.766
1,2-Dichloropropane	ND		4.1	1.4	ug/m3			01/19/26 20:15	1.766
1,3,5-Trimethylbenzene	ND		4.3	1.5	ug/m3			01/19/26 20:15	1.766
1,3-Butadiene	ND		2.0	0.66	ug/m3			01/19/26 20:15	1.766
1,3-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/19/26 20:15	1.766
1,4-Dichlorobenzene	ND		5.3	1.8	ug/m3			01/19/26 20:15	1.766
1,4-Dioxane	ND		6.4	2.1	ug/m3			01/19/26 20:15	1.766
2,2,4-Trimethylpentane	ND		4.1	1.4	ug/m3			01/19/26 20:15	1.766
2-Butanone (MEK)	ND		10	3.5	ug/m3			01/19/26 20:15	1.766
2-Hexanone	ND		14	4.8	ug/m3			01/19/26 20:15	1.766
2-Propanol	**3.1**	**J**	8.7	2.9	ug/m3			01/19/26 20:15	1.766
3-Chloropropene	ND		2.8	0.94	ug/m3			01/19/26 20:15	1.766
4-Ethyltoluene	ND		4.3	1.5	ug/m3			01/19/26 20:15	1.766
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.2	ug/m3			01/19/26 20:15	1.766
Acetone	**16**	**J**	21	7.0	ug/m3			01/19/26 20:15	1.766
alpha-Chlorotoluene	ND		4.6	1.6	ug/m3			01/19/26 20:15	1.766
Benzene	ND		2.8	0.96	ug/m3			01/19/26 20:15	1.766
Bromodichloromethane	ND		5.9	2.0	ug/m3			01/19/26 20:15	1.766
Bromoform	ND		9.1	3.1	ug/m3			01/19/26 20:15	1.766
Bromomethane	ND		6.9	2.3	ug/m3			01/19/26 20:15	1.766
Carbon disulfide	ND		11	3.7	ug/m3			01/19/26 20:15	1.766
Carbon tetrachloride	ND		5.6	1.9	ug/m3			01/19/26 20:15	1.766
Chlorobenzene	ND		4.1	1.4	ug/m3			01/19/26 20:15	1.766
Chloroethane	ND		9.3	3.1	ug/m3			01/19/26 20:15	1.766
Chloroform	ND		4.3	1.5	ug/m3			01/19/26 20:15	1.766
Chloromethane	ND		18	6.1	ug/m3			01/19/26 20:15	1.766
cis-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			01/19/26 20:15	1.766
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/m3			01/19/26 20:15	1.766
Cumene	ND		4.3	1.5	ug/m3			01/19/26 20:15	1.766
Cyclohexane	ND		3.0	1.0	ug/m3			01/19/26 20:15	1.766
Dibromochloromethane	ND		7.5	2.6	ug/m3			01/19/26 20:15	1.766
Ethanol	ND		17	5.6	ug/m3			01/19/26 20:15	1.766
Ethylbenzene	ND		3.8	1.3	ug/m3			01/19/26 20:15	1.766
Freon 11	ND		5.0	1.7	ug/m3			01/19/26 20:15	1.766
Freon 113	ND		6.8	2.3	ug/m3			01/19/26 20:15	1.766
Freon 12	**2.4**	**J**	4.4	1.5	ug/m3			01/19/26 20:15	1.766
Freon-114	ND		6.2	2.1	ug/m3			01/19/26 20:15	1.766
Heptane	ND		3.6	1.2	ug/m3			01/19/26 20:15	1.766
Hexachlorobutadiene	ND		38	13	ug/m3			01/19/26 20:15	1.766

Client Sample ID: 823-LFGP-1

Lab Sample ID: 650-3330-11

Date Collected: 12/29/25 12:28
Matrix: Air
Date Received: 12/31/25 12:20
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		3.1	1.1	ug/m3			01/19/26 20:15	1.766
m,p-Xylenes	ND		7.7	2.5	ug/m3			01/19/26 20:15	1.766
Methyl tert-butyl ether	ND		13	4.3	ug/m3			01/19/26 20:15	1.766
Methylene Chloride	ND		6.1	2.0	ug/m3			01/19/26 20:15	1.766
Naphthalene	ND		9.3	1.6	ug/m3			01/19/26 20:15	1.766
o-Xylene	ND		3.8	1.3	ug/m3			01/19/26 20:15	1.766
Propylbenzene	ND		4.3	1.5	ug/m3			01/19/26 20:15	1.766
Styrene	ND		3.8	1.3	ug/m3			01/19/26 20:15	1.766
Tetrachloroethene	**22**		6.0	2.0	ug/m3			01/19/26 20:15	1.766
Tetrahydrofuran	ND		2.6	0.89	ug/m3			01/19/26 20:15	1.766
Toluene	**8.9**		6.7	2.2	ug/m3			01/19/26 20:15	1.766
trans-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			01/19/26 20:15	1.766
trans-1,3-Dichloropropene	ND		4.0	1.4	ug/m3			01/19/26 20:15	1.766
Trichloroethene	ND		4.7	1.6	ug/m3			01/19/26 20:15	1.766
Vinyl chloride	ND		2.3	0.77	ug/m3			01/19/26 20:15	1.766

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/19/26 20:15*	*1.766*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/19/26 20:15*	*1.766*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/19/26 20:15*	*1.766*

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	**0.00017**	**J**	0.00018	0.000058	% v/v			01/15/26 15:51	1.766

Client Sample ID: 823-LFGP-2

Lab Sample ID: 650-3330-12

Date Collected: 12/29/25 11:54
Matrix: Air
Date Received: 12/31/25 12:20
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			01/19/26 20:43	1.509
1,1,2,2-Tetrachloroethane	ND		5.2	1.8	ug/m3			01/19/26 20:43	1.509
1,1,2-Trichloroethane	ND		4.1	1.4	ug/m3			01/19/26 20:43	1.509
1,1-Dichloroethane	ND		3.1	1.0	ug/m3			01/19/26 20:43	1.509
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			01/19/26 20:43	1.509
1,2,4-Trichlorobenzene	ND		22	7.5	ug/m3			01/19/26 20:43	1.509
1,2,4-Trimethylbenzene	ND		3.7	1.3	ug/m3			01/19/26 20:43	1.509
1,2-Dibromoethane (EDB)	ND		5.8	2.0	ug/m3			01/19/26 20:43	1.509
1,2-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/19/26 20:43	1.509
1,2-Dichloroethane	ND		3.1	1.0	ug/m3			01/19/26 20:43	1.509
1,2-Dichloropropane	ND		3.5	1.2	ug/m3			01/19/26 20:43	1.509
1,3,5-Trimethylbenzene	ND		3.7	1.3	ug/m3			01/19/26 20:43	1.509
1,3-Butadiene	ND		1.7	0.57	ug/m3			01/19/26 20:43	1.509
1,3-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/19/26 20:43	1.509
1,4-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/19/26 20:43	1.509
1,4-Dioxane	ND		5.4	1.8	ug/m3			01/19/26 20:43	1.509
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			01/19/26 20:43	1.509

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-2
Date Collected: 12/29/25 11:54
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-12
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		8.9	3.0	ug/m3			01/19/26 20:43	1.509
2-Hexanone	ND		12	4.1	ug/m3			01/19/26 20:43	1.509
2-Propanol	ND		7.4	2.5	ug/m3			01/19/26 20:43	1.509
3-Chloropropene	ND		2.4	0.80	ug/m3			01/19/26 20:43	1.509
4-Ethyltoluene	ND		3.7	1.3	ug/m3			01/19/26 20:43	1.509
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			01/19/26 20:43	1.509
Acetone	**11**	**J**	18	6.0	ug/m3			01/19/26 20:43	1.509
alpha-Chlorotoluene	ND		3.9	1.3	ug/m3			01/19/26 20:43	1.509
Benzene	ND		2.4	0.82	ug/m3			01/19/26 20:43	1.509
Bromodichloromethane	ND		5.1	1.7	ug/m3			01/19/26 20:43	1.509
Bromoform	ND		7.8	2.7	ug/m3			01/19/26 20:43	1.509
Bromomethane	ND		5.9	1.9	ug/m3			01/19/26 20:43	1.509
Carbon disulfide	ND		9.4	3.1	ug/m3			01/19/26 20:43	1.509
Carbon tetrachloride	ND		4.7	1.6	ug/m3			01/19/26 20:43	1.509
Chlorobenzene	ND		3.5	1.2	ug/m3			01/19/26 20:43	1.509
Chloroethane	ND		8.0	2.7	ug/m3			01/19/26 20:43	1.509
Chloroform	ND		3.7	1.3	ug/m3			01/19/26 20:43	1.509
Chloromethane	ND		16	5.2	ug/m3			01/19/26 20:43	1.509
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/19/26 20:43	1.509
cis-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			01/19/26 20:43	1.509
Cumene	ND		3.7	1.3	ug/m3			01/19/26 20:43	1.509
Cyclohexane	ND		2.6	0.88	ug/m3			01/19/26 20:43	1.509
Dibromochloromethane	ND		6.4	2.2	ug/m3			01/19/26 20:43	1.509
Ethanol	ND		14	4.7	ug/m3			01/19/26 20:43	1.509
Ethylbenzene	ND		3.3	1.1	ug/m3			01/19/26 20:43	1.509
Freon 11	ND		4.2	1.4	ug/m3			01/19/26 20:43	1.509
Freon 113	ND		5.8	2.0	ug/m3			01/19/26 20:43	1.509
Freon 12	**2.2**	**J**	3.7	1.3	ug/m3			01/19/26 20:43	1.509
Freon-114	ND		5.3	1.8	ug/m3			01/19/26 20:43	1.509
Heptane	ND		3.1	1.1	ug/m3			01/19/26 20:43	1.509
Hexachlorobutadiene	ND		32	11	ug/m3			01/19/26 20:43	1.509
Hexane	ND		2.7	0.90	ug/m3			01/19/26 20:43	1.509
m,p-Xylenes	ND		6.6	2.2	ug/m3			01/19/26 20:43	1.509
Methyl tert-butyl ether	ND		11	3.6	ug/m3			01/19/26 20:43	1.509
Methylene Chloride	ND		5.2	1.7	ug/m3			01/19/26 20:43	1.509
Naphthalene	ND		7.9	1.3	ug/m3			01/19/26 20:43	1.509
o-Xylene	ND		3.3	1.1	ug/m3			01/19/26 20:43	1.509
Propylbenzene	ND		3.7	1.3	ug/m3			01/19/26 20:43	1.509
Styrene	ND		3.2	1.1	ug/m3			01/19/26 20:43	1.509
Tetrachloroethene	**730**		5.1	1.7	ug/m3			01/19/26 20:43	1.509
Tetrahydrofuran	ND		2.2	0.76	ug/m3			01/19/26 20:43	1.509
Toluene	**2.8**	**J**	5.7	1.9	ug/m3			01/19/26 20:43	1.509
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/19/26 20:43	1.509
trans-1,3-Dichloropropene	ND		3.4	1.2	ug/m3			01/19/26 20:43	1.509
Trichloroethene	**2.5**	**J**	4.1	1.4	ug/m3			01/19/26 20:43	1.509
Vinyl chloride	ND		1.9	0.66	ug/m3			01/19/26 20:43	1.509

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/19/26 20:43*	*1.509*

Client Sample ID: 823-LFGP-2

Lab Sample ID: 650-3330-12
Matrix: Air
Date Collected: 12/29/25 11:54
Date Received: 12/31/25 12:20
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)	*102*		*70 - 130*		*01/19/26 20:43*	*1.509*
Toluene-d8 (Surr)	*104*		*70 - 130*		*01/19/26 20:43*	*1.509*

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	0.000050	% v/v			01/15/26 16:15	1.509

Client Sample ID: 823-LFGP-3

Lab Sample ID: 650-3330-13
Matrix: Air
Date Collected: 12/29/25 12:14
Date Received: 12/31/25 12:20
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			01/19/26 21:10	1.611
1,1,2,2-Tetrachloroethane	ND		5.5	1.9	ug/m3			01/19/26 21:10	1.611
1,1,2-Trichloroethane	ND		4.4	1.5	ug/m3			01/19/26 21:10	1.611
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			01/19/26 21:10	1.611
1,1-Dichloroethene	ND		3.2	1.1	ug/m3			01/19/26 21:10	1.611
1,2,4-Trichlorobenzene	ND		24	8.0	ug/m3			01/19/26 21:10	1.611
1,2,4-Trimethylbenzene	ND		4.0	1.3	ug/m3			01/19/26 21:10	1.611
1,2-Dibromoethane (EDB)	ND		6.2	2.1	ug/m3			01/19/26 21:10	1.611
1,2-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/19/26 21:10	1.611
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			01/19/26 21:10	1.611
1,2-Dichloropropane	ND		3.7	1.3	ug/m3			01/19/26 21:10	1.611
1,3,5-Trimethylbenzene	ND		4.0	1.3	ug/m3			01/19/26 21:10	1.611
1,3-Butadiene	ND		1.8	0.61	ug/m3			01/19/26 21:10	1.611
1,3-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/19/26 21:10	1.611
1,4-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/19/26 21:10	1.611
1,4-Dioxane	ND		5.8	1.9	ug/m3			01/19/26 21:10	1.611
2,2,4-Trimethylpentane	ND		3.8	1.3	ug/m3			01/19/26 21:10	1.611
2-Butanone (MEK)	ND		9.5	3.2	ug/m3			01/19/26 21:10	1.611
2-Hexanone	ND		13	4.4	ug/m3			01/19/26 21:10	1.611
2-Propanol	**3.1**	**J**	7.9	2.7	ug/m3			01/19/26 21:10	1.611
3-Chloropropene	ND		2.5	0.86	ug/m3			01/19/26 21:10	1.611
4-Ethyltoluene	ND		4.0	1.3	ug/m3			01/19/26 21:10	1.611
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.1	ug/m3			01/19/26 21:10	1.611
Acetone	**20**		19	6.4	ug/m3			01/19/26 21:10	1.611
alpha-Chlorotoluene	ND		4.2	1.4	ug/m3			01/19/26 21:10	1.611
Benzene	ND		2.6	0.87	ug/m3			01/19/26 21:10	1.611
Bromodichloromethane	ND		5.4	1.8	ug/m3			01/19/26 21:10	1.611
Bromoform	ND		8.3	2.8	ug/m3			01/19/26 21:10	1.611
Bromomethane	ND		6.3	2.1	ug/m3			01/19/26 21:10	1.611
Carbon disulfide	ND		10	3.4	ug/m3			01/19/26 21:10	1.611
Carbon tetrachloride	ND		5.1	1.7	ug/m3			01/19/26 21:10	1.611
Chlorobenzene	ND		3.7	1.3	ug/m3			01/19/26 21:10	1.611
Chloroethane	ND		8.5	2.8	ug/m3			01/19/26 21:10	1.611
Chloroform	ND		3.9	1.3	ug/m3			01/19/26 21:10	1.611
Chloromethane	ND		17	5.6	ug/m3			01/19/26 21:10	1.611

Client Sample ID: 823-LFGP-3

Lab Sample ID: 650-3330-13
Matrix: Air
Date Collected: 12/29/25 12:14
Date Received: 12/31/25 12:20
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		3.2	1.1	ug/m3			01/19/26 21:10	1.611
cis-1,3-Dichloropropene	ND		3.7	1.2	ug/m3			01/19/26 21:10	1.611
Cumene	ND		4.0	1.3	ug/m3			01/19/26 21:10	1.611
Cyclohexane	ND		2.8	0.94	ug/m3			01/19/26 21:10	1.611
Dibromochloromethane	ND		6.9	2.3	ug/m3			01/19/26 21:10	1.611
Ethanol	**6.7**	**J**	15	5.1	ug/m3			01/19/26 21:10	1.611
Ethylbenzene	ND		3.5	1.2	ug/m3			01/19/26 21:10	1.611
Freon 11	ND		4.5	1.5	ug/m3			01/19/26 21:10	1.611
Freon 113	ND		6.2	2.1	ug/m3			01/19/26 21:10	1.611
Freon 12	**2.7**	**J**	4.0	1.4	ug/m3			01/19/26 21:10	1.611
Freon-114	ND		5.6	1.9	ug/m3			01/19/26 21:10	1.611
Heptane	ND		3.3	1.1	ug/m3			01/19/26 21:10	1.611
Hexachlorobutadiene	ND		34	12	ug/m3			01/19/26 21:10	1.611
Hexane	**1.3**	**J**	2.8	0.97	ug/m3			01/19/26 21:10	1.611
m,p-Xylenes	ND		7.0	2.3	ug/m3			01/19/26 21:10	1.611
Methyl tert-butyl ether	ND		12	3.9	ug/m3			01/19/26 21:10	1.611
Methylene Chloride	ND		5.6	1.8	ug/m3			01/19/26 21:10	1.611
Naphthalene	ND		8.4	1.4	ug/m3			01/19/26 21:10	1.611
o-Xylene	ND		3.5	1.2	ug/m3			01/19/26 21:10	1.611
Propylbenzene	ND		4.0	1.3	ug/m3			01/19/26 21:10	1.611
Styrene	ND		3.4	1.2	ug/m3			01/19/26 21:10	1.611
Tetrachloroethene	ND		5.5	1.9	ug/m3			01/19/26 21:10	1.611
Tetrahydrofuran	ND		2.4	0.81	ug/m3			01/19/26 21:10	1.611
Toluene	**9.8**		6.1	2.0	ug/m3			01/19/26 21:10	1.611
trans-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			01/19/26 21:10	1.611
trans-1,3-Dichloropropene	ND		3.7	1.2	ug/m3			01/19/26 21:10	1.611
Trichloroethene	ND		4.3	1.5	ug/m3			01/19/26 21:10	1.611
Vinyl chloride	ND		2.1	0.70	ug/m3			01/19/26 21:10	1.611

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*01/19/26 21:10*	*1.611*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*01/19/26 21:10*	*1.611*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/19/26 21:10*	*1.611*

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	**0.00019**		0.00016	0.000053	% v/v			01/15/26 16:38	1.611

Client Sample ID: 823-LFGP-4

Lab Sample ID: 650-3330-14
Matrix: Air
Date Collected: 12/29/25 11:40
Date Received: 12/31/25 12:20
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		4.3	1.5	ug/m3			01/19/26 21:37	1.581
1,1,2,2-Tetrachloroethane	ND		5.4	1.8	ug/m3			01/19/26 21:37	1.581
1,1,2-Trichloroethane	ND		4.3	1.5	ug/m3			01/19/26 21:37	1.581
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			01/19/26 21:37	1.581

Client Sample ID: 823-LFGP-4

Date Collected: 12/29/25 11:40
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-14

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		3.1	1.1	ug/m3			01/19/26 21:37	1.581
1,2,4-Trichlorobenzene	ND		23	7.9	ug/m3			01/19/26 21:37	1.581
1,2,4-Trimethylbenzene	ND		3.9	1.3	ug/m3			01/19/26 21:37	1.581
1,2-Dibromoethane (EDB)	ND		6.1	2.1	ug/m3			01/19/26 21:37	1.581
1,2-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/19/26 21:37	1.581
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			01/19/26 21:37	1.581
1,2-Dichloropropane	ND		3.7	1.2	ug/m3			01/19/26 21:37	1.581
1,3,5-Trimethylbenzene	ND		3.9	1.3	ug/m3			01/19/26 21:37	1.581
1,3-Butadiene	ND		1.7	0.59	ug/m3			01/19/26 21:37	1.581
1,3-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/19/26 21:37	1.581
1,4-Dichlorobenzene	ND		4.8	1.6	ug/m3			01/19/26 21:37	1.581
1,4-Dioxane	ND		5.7	1.9	ug/m3			01/19/26 21:37	1.581
2,2,4-Trimethylpentane	ND		3.7	1.3	ug/m3			01/19/26 21:37	1.581
2-Butanone (MEK)	ND		9.3	3.1	ug/m3			01/19/26 21:37	1.581
2-Hexanone	ND		13	4.3	ug/m3			01/19/26 21:37	1.581
2-Propanol	**3.8**	**J**	7.8	2.6	ug/m3			01/19/26 21:37	1.581
3-Chloropropene	ND		2.5	0.84	ug/m3			01/19/26 21:37	1.581
4-Ethyltoluene	ND		3.9	1.3	ug/m3			01/19/26 21:37	1.581
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/19/26 21:37	1.581
Acetone	**19**		19	6.3	ug/m3			01/19/26 21:37	1.581
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			01/19/26 21:37	1.581
Benzene	ND		2.5	0.86	ug/m3			01/19/26 21:37	1.581
Bromodichloromethane	ND		5.3	1.8	ug/m3			01/19/26 21:37	1.581
Bromoform	ND		8.2	2.8	ug/m3			01/19/26 21:37	1.581
Bromomethane	ND		6.1	2.0	ug/m3			01/19/26 21:37	1.581
Carbon disulfide	ND		9.8	3.3	ug/m3			01/19/26 21:37	1.581
Carbon tetrachloride	ND		5.0	1.7	ug/m3			01/19/26 21:37	1.581
Chlorobenzene	ND		3.6	1.2	ug/m3			01/19/26 21:37	1.581
Chloroethane	ND		8.3	2.8	ug/m3			01/19/26 21:37	1.581
Chloroform	ND		3.9	1.3	ug/m3			01/19/26 21:37	1.581
Chloromethane	ND		16	5.5	ug/m3			01/19/26 21:37	1.581
cis-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			01/19/26 21:37	1.581
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			01/19/26 21:37	1.581
Cumene	ND		3.9	1.3	ug/m3			01/19/26 21:37	1.581
Cyclohexane	ND		2.7	0.93	ug/m3			01/19/26 21:37	1.581
Dibromochloromethane	ND		6.7	2.3	ug/m3			01/19/26 21:37	1.581
Ethanol	**9.0**	**J**	15	5.0	ug/m3			01/19/26 21:37	1.581
Ethylbenzene	ND		3.4	1.2	ug/m3			01/19/26 21:37	1.581
Freon 11	ND		4.4	1.5	ug/m3			01/19/26 21:37	1.581
Freon 113	**3.7**	**J**	6.1	2.1	ug/m3			01/19/26 21:37	1.581
Freon 12	**2.0**	**J**	3.9	1.3	ug/m3			01/19/26 21:37	1.581
Freon-114	ND		5.5	1.9	ug/m3			01/19/26 21:37	1.581
Heptane	ND		3.2	1.1	ug/m3			01/19/26 21:37	1.581
Hexachlorobutadiene	ND		34	11	ug/m3			01/19/26 21:37	1.581
Hexane	ND		2.8	0.95	ug/m3			01/19/26 21:37	1.581
m,p-Xylenes	ND		6.9	2.3	ug/m3			01/19/26 21:37	1.581
Methyl tert-butyl ether	ND		11	3.8	ug/m3			01/19/26 21:37	1.581
Methylene Chloride	ND		5.5	1.8	ug/m3			01/19/26 21:37	1.581

Client Sample ID: 823-LFGP-4

Lab Sample ID: 650-3330-14
Matrix: Air
Date Collected: 12/29/25 11:40
Date Received: 12/31/25 12:20
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		8.3	1.4	ug/m3			01/19/26 21:37	1.581
o-Xylene	ND		3.4	1.2	ug/m3			01/19/26 21:37	1.581
Propylbenzene	ND		3.9	1.3	ug/m3			01/19/26 21:37	1.581
Styrene	ND		3.4	1.1	ug/m3			01/19/26 21:37	1.581
Tetrachloroethene	**190**		5.4	1.8	ug/m3			01/19/26 21:37	1.581
Tetrahydrofuran	ND		2.3	0.79	ug/m3			01/19/26 21:37	1.581
Toluene	**7.3**		6.0	2.0	ug/m3			01/19/26 21:37	1.581
trans-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			01/19/26 21:37	1.581
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			01/19/26 21:37	1.581
Trichloroethene	ND		4.2	1.4	ug/m3			01/19/26 21:37	1.581
Vinyl chloride	ND		2.0	0.69	ug/m3			01/19/26 21:37	1.581

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/19/26 21:37*	*1.581*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/19/26 21:37*	*1.581*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/19/26 21:37*	*1.581*

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		0.00016	0.000052	% v/v			01/15/26 17:03	1.581

Client Sample ID: 823-LFGP-5

Lab Sample ID: 650-3330-15
Matrix: Air
Date Collected: 12/29/25 14:09
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Method: EPA TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	14	ug/m3			01/22/26 20:59	1.469
1,1,2,2-Tetrachloroethane	ND		50	17	ug/m3			01/22/26 20:59	1.469
1,1,2-Trichloroethane	ND		40	14	ug/m3			01/22/26 20:59	1.469
1,1-Dichloroethane	ND		30	10	ug/m3			01/22/26 20:59	1.469
1,1-Dichloroethene	ND		29	15	ug/m3			01/22/26 20:59	1.469
1,2,4-Trichlorobenzene	ND		220	73	ug/m3			01/22/26 20:59	1.469
1,2,4-Trimethylbenzene	ND		36	12	ug/m3			01/22/26 20:59	1.469
1,2-Dibromoethane (EDB)	ND		56	19	ug/m3			01/22/26 20:59	1.469
1,2-Dichlorobenzene	ND		44	15	ug/m3			01/22/26 20:59	1.469
1,2-Dichloroethane	ND		30	10	ug/m3			01/22/26 20:59	1.469
1,2-Dichloropropane	ND		34	12	ug/m3			01/22/26 20:59	1.469
1,3,5-Trimethylbenzene	ND		36	12	ug/m3			01/22/26 20:59	1.469
1,3-Butadiene	ND		16	8.1	ug/m3			01/22/26 20:59	1.469
1,3-Dichlorobenzene	ND		44	15	ug/m3			01/22/26 20:59	1.469
1,4-Dichlorobenzene	ND		44	15	ug/m3			01/22/26 20:59	1.469
1,4-Dioxane	ND		110	35	ug/m3			01/22/26 20:59	1.469
2,2,4-Trimethylpentane	**35**		34	12	ug/m3			01/22/26 20:59	1.469
2-Butanone (MEK)	ND		87	29	ug/m3			01/22/26 20:59	1.469
2-Hexanone	ND		120	40	ug/m3			01/22/26 20:59	1.469
2-Propanol	ND		90	36	ug/m3			01/22/26 20:59	1.469
3-Chloropropene	ND		92	31	ug/m3			01/22/26 20:59	1.469

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-5
Date Collected: 12/29/25 14:09
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-15
Matrix: Air

Method: EPA TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		36	12	ug/m3			01/22/26 20:59	1.469
4-Methyl-2-pentanone (MIBK)	ND		120	40	ug/m3			01/22/26 20:59	1.469
Acetone	ND		70	23	ug/m3			01/22/26 20:59	1.469
alpha-Chlorotoluene	ND		38	13	ug/m3			01/22/26 20:59	1.469
Benzene	ND		23	8.0	ug/m3			01/22/26 20:59	1.469
Bromodichloromethane	ND		49	17	ug/m3			01/22/26 20:59	1.469
Bromoform	ND		76	26	ug/m3			01/22/26 20:59	1.469
Bromomethane	ND		110	38	ug/m3			01/22/26 20:59	1.469
Carbon disulfide	ND		91	31	ug/m3			01/22/26 20:59	1.469
Carbon tetrachloride	ND		46	16	ug/m3			01/22/26 20:59	1.469
Chlorobenzene	ND		34	11	ug/m3			01/22/26 20:59	1.469
Chloroethane	ND		78	26	ug/m3			01/22/26 20:59	1.469
Chloroform	ND		36	12	ug/m3			01/22/26 20:59	1.469
Chloromethane	ND		61	20	ug/m3			01/22/26 20:59	1.469
cis-1,2-Dichloroethene	ND		29	9.9	ug/m3			01/22/26 20:59	1.469
cis-1,3-Dichloropropene	ND		33	11	ug/m3			01/22/26 20:59	1.469
Cumene	ND		36	12	ug/m3			01/22/26 20:59	1.469
Cyclohexane	**120**		25	8.6	ug/m3			01/22/26 20:59	1.469
Dibromochloromethane	ND		63	21	ug/m3			01/22/26 20:59	1.469
Ethanol	ND		69	23	ug/m3			01/22/26 20:59	1.469
Ethylbenzene	ND		32	11	ug/m3			01/22/26 20:59	1.469
Freon 11	ND		41	14	ug/m3			01/22/26 20:59	1.469
Freon 113	ND		56	19	ug/m3			01/22/26 20:59	1.469
Freon 12	ND		36	12	ug/m3			01/22/26 20:59	1.469
Freon-114	ND		51	17	ug/m3			01/22/26 20:59	1.469
Heptane	**17**	**J**	30	15	ug/m3			01/22/26 20:59	1.469
Hexachlorobutadiene	ND		310	100	ug/m3			01/22/26 20:59	1.469
Hexane	**84**		26	13	ug/m3			01/22/26 20:59	1.469
m,p-Xylene	**11**	**J**	32	11	ug/m3			01/22/26 20:59	1.469
Methyl tert-butyl ether	ND		26	9.0	ug/m3			01/22/26 20:59	1.469
Methylene Chloride	ND		100	34	ug/m3			01/22/26 20:59	1.469
o-Xylene	ND		32	11	ug/m3			01/22/26 20:59	1.469
Propylbenzene	ND		36	12	ug/m3			01/22/26 20:59	1.469
Styrene	ND		31	11	ug/m3			01/22/26 20:59	1.469
Tetrachloroethene	ND		50	25	ug/m3			01/22/26 20:59	1.469
Tetrahydrofuran	ND		22	7.4	ug/m3			01/22/26 20:59	1.469
Toluene	ND		28	9.4	ug/m3			01/22/26 20:59	1.469
trans-1,2-Dichloroethene	ND		29	9.9	ug/m3			01/22/26 20:59	1.469
trans-1,3-Dichloropropene	ND		33	11	ug/m3			01/22/26 20:59	1.469
Trichloroethene	ND		39	13	ug/m3			01/22/26 20:59	1.469
Vinyl chloride	ND		19	6.4	ug/m3			01/22/26 20:59	1.469
Naphthalene	ND		150	7.7	ug/m3			01/22/26 20:59	1.469

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*01/22/26 20:59*	*1.469*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/22/26 20:59*	*1.469*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/22/26 20:59*	*1.469*

Client Sample ID: 823-LFGP-5

Lab Sample ID: 650-3330-15

Date Collected: 12/29/25 14:09
Matrix: Air
Date Received: 12/31/25 12:20
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	**10**		0.00015	0.000048	% v/v			01/15/26 17:27	1.469

Client Sample ID: 823-LFGP-6

Lab Sample ID: 650-3330-16

Date Collected: 12/29/25 13:00
Matrix: Air
Date Received: 12/31/25 12:20
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			01/19/26 22:04	1.66
1,1,2,2-Tetrachloroethane	ND		5.7	1.9	ug/m3			01/19/26 22:04	1.66
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			01/19/26 22:04	1.66
1,1-Dichloroethane	ND		3.4	1.1	ug/m3			01/19/26 22:04	1.66
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			01/19/26 22:04	1.66
1,2,4-Trichlorobenzene	ND		25	8.3	ug/m3			01/19/26 22:04	1.66
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/m3			01/19/26 22:04	1.66
1,2-Dibromoethane (EDB)	ND		6.4	2.2	ug/m3			01/19/26 22:04	1.66
1,2-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/19/26 22:04	1.66
1,2-Dichloroethane	ND		3.4	1.1	ug/m3			01/19/26 22:04	1.66
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			01/19/26 22:04	1.66
1,3,5-Trimethylbenzene	ND		4.1	1.4	ug/m3			01/19/26 22:04	1.66
1,3-Butadiene	ND		1.8	0.62	ug/m3			01/19/26 22:04	1.66
1,3-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/19/26 22:04	1.66
1,4-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/19/26 22:04	1.66
1,4-Dioxane	ND		6.0	2.0	ug/m3			01/19/26 22:04	1.66
2,2,4-Trimethylpentane	ND		3.9	1.3	ug/m3			01/19/26 22:04	1.66
2-Butanone (MEK)	ND		9.8	3.3	ug/m3			01/19/26 22:04	1.66
2-Hexanone	ND		14	4.6	ug/m3			01/19/26 22:04	1.66
2-Propanol	ND		8.2	2.7	ug/m3			01/19/26 22:04	1.66
3-Chloropropene	ND		2.6	0.88	ug/m3			01/19/26 22:04	1.66
4-Ethyltoluene	ND		4.1	1.4	ug/m3			01/19/26 22:04	1.66
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.2	ug/m3			01/19/26 22:04	1.66
Acetone	**14**	**J**	20	6.6	ug/m3			01/19/26 22:04	1.66
alpha-Chlorotoluene	ND		4.3	1.5	ug/m3			01/19/26 22:04	1.66
Benzene	ND		2.7	0.90	ug/m3			01/19/26 22:04	1.66
Bromodichloromethane	ND		5.6	1.9	ug/m3			01/19/26 22:04	1.66
Bromoform	ND		8.6	2.9	ug/m3			01/19/26 22:04	1.66
Bromomethane	ND		6.4	2.1	ug/m3			01/19/26 22:04	1.66
Carbon disulfide	ND		10	3.5	ug/m3			01/19/26 22:04	1.66
Carbon tetrachloride	ND		5.2	1.8	ug/m3			01/19/26 22:04	1.66
Chlorobenzene	ND		3.8	1.3	ug/m3			01/19/26 22:04	1.66
Chloroethane	ND		8.8	2.9	ug/m3			01/19/26 22:04	1.66
Chloroform	ND		4.1	1.4	ug/m3			01/19/26 22:04	1.66
Chloromethane	ND		17	5.7	ug/m3			01/19/26 22:04	1.66
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/19/26 22:04	1.66
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/19/26 22:04	1.66
Cumene	ND		4.1	1.4	ug/m3			01/19/26 22:04	1.66
Cyclohexane	ND		2.9	0.97	ug/m3			01/19/26 22:04	1.66
Dibromochloromethane	ND		7.1	2.4	ug/m3			01/19/26 22:04	1.66

Client Sample ID: 823-LFGP-6

Lab Sample ID: 650-3330-16
Matrix: Air
Date Collected: 12/29/25 13:00
Date Received: 12/31/25 12:20
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	**8.4**	**J**	16	5.2	ug/m3			01/19/26 22:04	1.66
Ethylbenzene	ND		3.6	1.2	ug/m3			01/19/26 22:04	1.66
Freon 11	ND		4.7	1.6	ug/m3			01/19/26 22:04	1.66
Freon 113	**75**		6.4	2.2	ug/m3			01/19/26 22:04	1.66
Freon 12	**1.8**	**J**	4.1	1.4	ug/m3			01/19/26 22:04	1.66
Freon-114	ND		5.8	2.0	ug/m3			01/19/26 22:04	1.66
Heptane	ND		3.4	1.2	ug/m3			01/19/26 22:04	1.66
Hexachlorobutadiene	ND		35	12	ug/m3			01/19/26 22:04	1.66
Hexane	ND		2.9	0.99	ug/m3			01/19/26 22:04	1.66
m,p-Xylenes	ND		7.2	2.4	ug/m3			01/19/26 22:04	1.66
Methyl tert-butyl ether	ND		12	4.0	ug/m3			01/19/26 22:04	1.66
Methylene Chloride	ND		5.8	1.9	ug/m3			01/19/26 22:04	1.66
Naphthalene	ND		8.7	1.5	ug/m3			01/19/26 22:04	1.66
o-Xylene	ND		3.6	1.2	ug/m3			01/19/26 22:04	1.66
Propylbenzene	ND		4.1	1.4	ug/m3			01/19/26 22:04	1.66
Styrene	ND		3.5	1.2	ug/m3			01/19/26 22:04	1.66
Tetrachloroethene	ND		5.6	1.9	ug/m3			01/19/26 22:04	1.66
Tetrahydrofuran	ND		2.4	0.83	ug/m3			01/19/26 22:04	1.66
Toluene	**7.9**		6.3	2.1	ug/m3			01/19/26 22:04	1.66
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/19/26 22:04	1.66
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/19/26 22:04	1.66
Trichloroethene	ND		4.5	1.5	ug/m3			01/19/26 22:04	1.66
Vinyl chloride	ND		2.1	0.72	ug/m3			01/19/26 22:04	1.66

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/19/26 22:04*	*1.66*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/19/26 22:04*	*1.66*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/19/26 22:04*	*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	ND		0.00017	0.000055	% v/v			01/15/26 18:09	1.66

Client Sample ID: 823-LFGP-7

Lab Sample ID: 650-3330-17
Matrix: Air
Date Collected: 12/29/25 13:46
Date Received: 12/31/25 12:20
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			01/19/26 22:31	1.482
1,1,2,2-Tetrachloroethane	ND		5.1	1.7	ug/m3			01/19/26 22:31	1.482
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			01/19/26 22:31	1.482
1,1-Dichloroethane	ND		3.0	1.0	ug/m3			01/19/26 22:31	1.482
1,1-Dichloroethene	ND		2.9	1.0	ug/m3			01/19/26 22:31	1.482
1,2,4-Trichlorobenzene	ND		22	7.4	ug/m3			01/19/26 22:31	1.482
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/19/26 22:31	1.482
1,2-Dibromoethane (EDB)	ND		5.7	1.9	ug/m3			01/19/26 22:31	1.482
1,2-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/19/26 22:31	1.482

Client Sample ID: 823-LFGP-7
Date Collected: 12/29/25 13:46
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-17
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		3.0	1.0	ug/m3			01/19/26 22:31	1.482
1,2-Dichloropropane	ND		3.4	1.2	ug/m3			01/19/26 22:31	1.482
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			01/19/26 22:31	1.482
1,3-Butadiene	ND		1.6	0.56	ug/m3			01/19/26 22:31	1.482
1,3-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/19/26 22:31	1.482
1,4-Dichlorobenzene	ND		4.5	1.5	ug/m3			01/19/26 22:31	1.482
1,4-Dioxane	ND		5.3	1.8	ug/m3			01/19/26 22:31	1.482
2,2,4-Trimethylpentane	ND		3.5	1.2	ug/m3			01/19/26 22:31	1.482
2-Butanone (MEK)	ND		8.7	2.9	ug/m3			01/19/26 22:31	1.482
2-Hexanone	ND		12	4.1	ug/m3			01/19/26 22:31	1.482
2-Propanol	ND		7.3	2.4	ug/m3			01/19/26 22:31	1.482
3-Chloropropene	ND		2.3	0.79	ug/m3			01/19/26 22:31	1.482
4-Ethyltoluene	ND		3.6	1.2	ug/m3			01/19/26 22:31	1.482
4-Methyl-2-pentanone (MIBK)	**5.5**		3.0	1.0	ug/m3			01/19/26 22:31	1.482
Acetone	ND		18	5.9	ug/m3			01/19/26 22:31	1.482
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			01/19/26 22:31	1.482
Benzene	ND		2.4	0.80	ug/m3			01/19/26 22:31	1.482
Bromodichloromethane	ND		5.0	1.7	ug/m3			01/19/26 22:31	1.482
Bromoform	ND		7.7	2.6	ug/m3			01/19/26 22:31	1.482
Bromomethane	ND		5.8	1.9	ug/m3			01/19/26 22:31	1.482
Carbon disulfide	ND		9.2	3.1	ug/m3			01/19/26 22:31	1.482
Carbon tetrachloride	ND		4.7	1.6	ug/m3			01/19/26 22:31	1.482
Chlorobenzene	ND		3.4	1.2	ug/m3			01/19/26 22:31	1.482
Chloroethane	ND		7.8	2.6	ug/m3			01/19/26 22:31	1.482
Chloroform	**5.6**		3.6	1.2	ug/m3			01/19/26 22:31	1.482
Chloromethane	ND		15	5.1	ug/m3			01/19/26 22:31	1.482
cis-1,2-Dichloroethene	ND		2.9	1.0	ug/m3			01/19/26 22:31	1.482
cis-1,3-Dichloropropene	ND		3.4	1.1	ug/m3			01/19/26 22:31	1.482
Cumene	ND		3.6	1.2	ug/m3			01/19/26 22:31	1.482
Cyclohexane	ND		2.6	0.87	ug/m3			01/19/26 22:31	1.482
Dibromochloromethane	ND		6.3	2.1	ug/m3			01/19/26 22:31	1.482
Ethanol	ND		14	4.7	ug/m3			01/19/26 22:31	1.482
Ethylbenzene	ND		3.2	1.1	ug/m3			01/19/26 22:31	1.482
Freon 11	ND		4.2	1.4	ug/m3			01/19/26 22:31	1.482
Freon 113	ND		5.7	1.9	ug/m3			01/19/26 22:31	1.482
Freon 12	**2.0**	**J**	3.7	1.2	ug/m3			01/19/26 22:31	1.482
Freon-114	ND		5.2	1.8	ug/m3			01/19/26 22:31	1.482
Heptane	ND		3.0	1.0	ug/m3			01/19/26 22:31	1.482
Hexachlorobutadiene	ND		32	11	ug/m3			01/19/26 22:31	1.482
Hexane	ND		2.6	0.89	ug/m3			01/19/26 22:31	1.482
m,p-Xylenes	ND		6.4	2.1	ug/m3			01/19/26 22:31	1.482
Methyl tert-butyl ether	ND		11	3.6	ug/m3			01/19/26 22:31	1.482
Methylene Chloride	ND		5.1	1.7	ug/m3			01/19/26 22:31	1.482
Naphthalene	ND		7.8	1.3	ug/m3			01/19/26 22:31	1.482
o-Xylene	ND		3.2	1.1	ug/m3			01/19/26 22:31	1.482
Propylbenzene	ND		3.6	1.2	ug/m3			01/19/26 22:31	1.482
Styrene	ND		3.2	1.1	ug/m3			01/19/26 22:31	1.482
Tetrachloroethene	**6.2**		5.0	1.7	ug/m3			01/19/26 22:31	1.482

Client Sample ID: 823-LFGP-7

Lab Sample ID: 650-3330-17
Matrix: Air
Date Collected: 12/29/25 13:46
Date Received: 12/31/25 12:20
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		2.2	0.74	ug/m3			01/19/26 22:31	1.482
Toluene	**2.0**	**J**	5.6	1.8	ug/m3			01/19/26 22:31	1.482
trans-1,2-Dichloroethene	ND		2.9	1.0	ug/m3			01/19/26 22:31	1.482
trans-1,3-Dichloropropene	ND		3.4	1.1	ug/m3			01/19/26 22:31	1.482
Trichloroethene	ND		4.0	1.4	ug/m3			01/19/26 22:31	1.482
Vinyl chloride	ND		1.9	0.64	ug/m3			01/19/26 22:31	1.482

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*01/19/26 22:31*	*1.482*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/19/26 22:31*	*1.482*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/19/26 22:31*	*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			01/15/26 18:33	1.482

Client Sample ID: 823-LFGP-8

Lab Sample ID: 650-3330-18
Matrix: Air
Date Collected: 12/29/25 14:54
Date Received: 12/31/25 12:20
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		3.8	1.3	ug/m3			01/20/26 19:22	1.392
1,1,2,2-Tetrachloroethane	ND		4.8	1.6	ug/m3			01/20/26 19:22	1.392
1,1,2-Trichloroethane	ND		3.8	1.3	ug/m3			01/20/26 19:22	1.392
1,1-Dichloroethane	ND		2.8	0.96	ug/m3			01/20/26 19:22	1.392
1,1-Dichloroethene	ND		2.8	0.94	ug/m3			01/20/26 19:22	1.392
1,2,4-Trichlorobenzene	ND		21	6.9	ug/m3			01/20/26 19:22	1.392
1,2,4-Trimethylbenzene	ND		3.4	1.2	ug/m3			01/20/26 19:22	1.392
1,2-Dibromoethane (EDB)	ND		5.3	1.8	ug/m3			01/20/26 19:22	1.392
1,2-Dichlorobenzene	ND		4.2	1.4	ug/m3			01/20/26 19:22	1.392
1,2-Dichloroethane	ND		2.8	0.96	ug/m3			01/20/26 19:22	1.392
1,2-Dichloropropane	ND		3.2	1.1	ug/m3			01/20/26 19:22	1.392
1,3,5-Trimethylbenzene	ND		3.4	1.2	ug/m3			01/20/26 19:22	1.392
1,3-Butadiene	ND		1.5	0.52	ug/m3			01/20/26 19:22	1.392
1,3-Dichlorobenzene	ND		4.2	1.4	ug/m3			01/20/26 19:22	1.392
1,4-Dichlorobenzene	ND		4.2	1.4	ug/m3			01/20/26 19:22	1.392
1,4-Dioxane	ND		5.0	1.7	ug/m3			01/20/26 19:22	1.392
2,2,4-Trimethylpentane	**68**		3.3	1.1	ug/m3			01/20/26 19:22	1.392
2-Butanone (MEK)	ND		8.2	2.8	ug/m3			01/20/26 19:22	1.392
2-Hexanone	ND		11	3.8	ug/m3			01/20/26 19:22	1.392
2-Propanol	**7.6**		6.8	2.3	ug/m3			01/20/26 19:22	1.392
3-Chloropropene	ND		2.2	0.74	ug/m3			01/20/26 19:22	1.392
4-Ethyltoluene	ND		3.4	1.2	ug/m3			01/20/26 19:22	1.392
4-Methyl-2-pentanone (MIBK)	ND		2.9	0.97	ug/m3			01/20/26 19:22	1.392
Acetone	**13**	**J**	17	5.5	ug/m3			01/20/26 19:22	1.392
alpha-Chlorotoluene	ND		3.6	1.2	ug/m3			01/20/26 19:22	1.392
Benzene	**5.9**		2.2	0.76	ug/m3			01/20/26 19:22	1.392

Client Sample ID: 823-LFGP-8
Date Collected: 12/29/25 14:54
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-18
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		4.7	1.6	ug/m3			01/20/26 19:22	1.392
Bromoform	ND		7.2	2.4	ug/m3			01/20/26 19:22	1.392
Bromomethane	ND		5.4	1.8	ug/m3			01/20/26 19:22	1.392
Carbon disulfide	ND		8.7	2.9	ug/m3			01/20/26 19:22	1.392
Carbon tetrachloride	ND		4.4	1.5	ug/m3			01/20/26 19:22	1.392
Chlorobenzene	ND		3.2	1.1	ug/m3			01/20/26 19:22	1.392
Chloroethane	ND		7.3	2.5	ug/m3			01/20/26 19:22	1.392
Chloroform	ND		3.4	1.2	ug/m3			01/20/26 19:22	1.392
Chloromethane	ND		14	4.8	ug/m3			01/20/26 19:22	1.392
cis-1,2-Dichloroethene	ND		2.8	0.94	ug/m3			01/20/26 19:22	1.392
cis-1,3-Dichloropropene	ND		3.2	1.1	ug/m3			01/20/26 19:22	1.392
Cumene	ND		3.4	1.2	ug/m3			01/20/26 19:22	1.392
Cyclohexane	**3.4**		2.4	0.81	ug/m3			01/20/26 19:22	1.392
Dibromochloromethane	ND		5.9	2.0	ug/m3			01/20/26 19:22	1.392
Ethanol	**7.1**	**J**	13	4.4	ug/m3			01/20/26 19:22	1.392
Ethylbenzene	ND		3.0	1.0	ug/m3			01/20/26 19:22	1.392
Freon 11	**2.1**	**J**	3.9	1.3	ug/m3			01/20/26 19:22	1.392
Freon 113	**6.1**		5.3	1.8	ug/m3			01/20/26 19:22	1.392
Freon 12	**1.9**	**J**	3.4	1.2	ug/m3			01/20/26 19:22	1.392
Freon-114	ND		4.9	1.7	ug/m3			01/20/26 19:22	1.392
Heptane	**1.6**	**J**	2.9	0.97	ug/m3			01/20/26 19:22	1.392
Hexachlorobutadiene	ND		30	9.9	ug/m3			01/20/26 19:22	1.392
Hexane	**7.0**		2.5	0.83	ug/m3			01/20/26 19:22	1.392
m,p-Xylenes	ND		6.0	2.0	ug/m3			01/20/26 19:22	1.392
Methyl tert-butyl ether	ND		10	3.4	ug/m3			01/20/26 19:22	1.392
Methylene Chloride	**1.7**	**J**	4.8	1.6	ug/m3			01/20/26 19:22	1.392
Naphthalene	ND		7.3	1.2	ug/m3			01/20/26 19:22	1.392
o-Xylene	ND		3.0	1.0	ug/m3			01/20/26 19:22	1.392
Propylbenzene	ND		3.4	1.2	ug/m3			01/20/26 19:22	1.392
Styrene	ND		3.0	1.0	ug/m3			01/20/26 19:22	1.392
Tetrachloroethene	ND		4.7	1.6	ug/m3			01/20/26 19:22	1.392
Tetrahydrofuran	ND		2.1	0.70	ug/m3			01/20/26 19:22	1.392
Toluene	**13**		5.2	1.7	ug/m3			01/20/26 19:22	1.392
trans-1,2-Dichloroethene	ND		2.8	0.94	ug/m3			01/20/26 19:22	1.392
trans-1,3-Dichloropropene	ND		3.2	1.1	ug/m3			01/20/26 19:22	1.392
Trichloroethene	ND		3.7	1.3	ug/m3			01/20/26 19:22	1.392
Vinyl chloride	ND		1.8	0.60	ug/m3			01/20/26 19:22	1.392

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*01/20/26 19:22*	*1.392*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/20/26 19:22*	*1.392*
Toluene-d8 (Surr)	*102*		*70 - 130*		*01/20/26 19:22*	*1.392*

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	**1.0**		0.00014	0.000046	% v/v			01/15/26 18:57	1.392

Client Sample Results

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-9

Date Collected: 12/29/25 15:22
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-19

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		4.2	1.4	ug/m3			01/20/26 19:50	1.551
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/20/26 19:50	1.551
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/20/26 19:50	1.551
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 19:50	1.551
1,1-Dichloroethene	ND		3.1	1.0	ug/m3			01/20/26 19:50	1.551
1,2,4-Trichlorobenzene	ND		23	7.7	ug/m3			01/20/26 19:50	1.551
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 19:50	1.551
1,2-Dibromoethane (EDB)	ND		6.0	2.0	ug/m3			01/20/26 19:50	1.551
1,2-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/20/26 19:50	1.551
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 19:50	1.551
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			01/20/26 19:50	1.551
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 19:50	1.551
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/20/26 19:50	1.551
1,3-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/20/26 19:50	1.551
1,4-Dichlorobenzene	ND		4.7	1.6	ug/m3			01/20/26 19:50	1.551
1,4-Dioxane	ND		5.6	1.8	ug/m3			01/20/26 19:50	1.551
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/20/26 19:50	1.551
2-Butanone (MEK)	ND		9.1	3.1	ug/m3			01/20/26 19:50	1.551
2-Hexanone	ND		13	4.3	ug/m3			01/20/26 19:50	1.551
2-Propanol	ND		7.6	2.6	ug/m3			01/20/26 19:50	1.551
3-Chloropropene	ND		2.4	0.83	ug/m3			01/20/26 19:50	1.551
4-Ethyltoluene	ND		3.8	1.3	ug/m3			01/20/26 19:50	1.551
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			01/20/26 19:50	1.551
Acetone	**9.7**	**J**	18	6.2	ug/m3			01/20/26 19:50	1.551
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/20/26 19:50	1.551
Benzene	ND		2.5	0.84	ug/m3			01/20/26 19:50	1.551
Bromodichloromethane	ND		5.2	1.8	ug/m3			01/20/26 19:50	1.551
Bromoform	ND		8.0	2.7	ug/m3			01/20/26 19:50	1.551
Bromomethane	ND		6.0	2.0	ug/m3			01/20/26 19:50	1.551
Carbon disulfide	ND		9.7	3.2	ug/m3			01/20/26 19:50	1.551
Carbon tetrachloride	ND		4.9	1.7	ug/m3			01/20/26 19:50	1.551
Chlorobenzene	ND		3.6	1.2	ug/m3			01/20/26 19:50	1.551
Chloroethane	ND		8.2	2.7	ug/m3			01/20/26 19:50	1.551
Chloroform	ND		3.8	1.3	ug/m3			01/20/26 19:50	1.551
Chloromethane	ND		16	5.3	ug/m3			01/20/26 19:50	1.551
cis-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/20/26 19:50	1.551
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 19:50	1.551
Cumene	ND		3.8	1.3	ug/m3			01/20/26 19:50	1.551
Cyclohexane	ND		2.7	0.91	ug/m3			01/20/26 19:50	1.551
Dibromochloromethane	ND		6.6	2.2	ug/m3			01/20/26 19:50	1.551
Ethanol	ND		15	4.9	ug/m3			01/20/26 19:50	1.551
Ethylbenzene	ND		3.4	1.1	ug/m3			01/20/26 19:50	1.551
Freon 11	ND		4.4	1.5	ug/m3			01/20/26 19:50	1.551
Freon 113	**52**		5.9	2.0	ug/m3			01/20/26 19:50	1.551
Freon 12	**1.5**	**J**	3.8	1.3	ug/m3			01/20/26 19:50	1.551
Freon-114	ND		5.4	1.8	ug/m3			01/20/26 19:50	1.551
Heptane	ND		3.2	1.1	ug/m3			01/20/26 19:50	1.551
Hexachlorobutadiene	ND		33	11	ug/m3			01/20/26 19:50	1.551

Client Sample ID: 823-LFGP-9

Lab Sample ID: 650-3330-19

Date Collected: 12/29/25 15:22
Matrix: Air
Date Received: 12/31/25 12:20
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		2.7	0.93	ug/m3			01/20/26 19:50	1.551
m,p-Xylenes	ND		6.7	2.2	ug/m3			01/20/26 19:50	1.551
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/20/26 19:50	1.551
Methylene Chloride	ND		5.4	1.8	ug/m3			01/20/26 19:50	1.551
Naphthalene	ND		8.1	1.4	ug/m3			01/20/26 19:50	1.551
o-Xylene	ND		3.4	1.1	ug/m3			01/20/26 19:50	1.551
Propylbenzene	ND		3.8	1.3	ug/m3			01/20/26 19:50	1.551
Styrene	ND		3.3	1.1	ug/m3			01/20/26 19:50	1.551
Tetrachloroethene	**5.4**		5.3	1.8	ug/m3			01/20/26 19:50	1.551
Tetrahydrofuran	ND		2.3	0.78	ug/m3			01/20/26 19:50	1.551
Toluene	ND		5.8	1.9	ug/m3			01/20/26 19:50	1.551
trans-1,2-Dichloroethene	ND		3.1	1.0	ug/m3			01/20/26 19:50	1.551
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 19:50	1.551
Trichloroethene	ND		4.2	1.4	ug/m3			01/20/26 19:50	1.551
Vinyl chloride	ND		2.0	0.67	ug/m3			01/20/26 19:50	1.551

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*01/20/26 19:50*	*1.551*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*01/20/26 19:50*	*1.551*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/20/26 19:50*	*1.551*

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		0.00016	0.000051	% v/v			01/15/26 19:20	1.551

Client Sample ID: 823-LFGP-10

Lab Sample ID: 650-3330-20

Date Collected: 12/29/25 14:59
Matrix: Air
Date Received: 12/31/25 12:20
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			01/20/26 20:17	1.537
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			01/20/26 20:17	1.537
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			01/20/26 20:17	1.537
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 20:17	1.537
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			01/20/26 20:17	1.537
1,2,4-Trichlorobenzene	ND		23	7.6	ug/m3			01/20/26 20:17	1.537
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 20:17	1.537
1,2-Dibromoethane (EDB)	ND		5.9	2.0	ug/m3			01/20/26 20:17	1.537
1,2-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/20/26 20:17	1.537
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			01/20/26 20:17	1.537
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			01/20/26 20:17	1.537
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			01/20/26 20:17	1.537
1,3-Butadiene	ND		1.7	0.58	ug/m3			01/20/26 20:17	1.537
1,3-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/20/26 20:17	1.537
1,4-Dichlorobenzene	ND		4.6	1.6	ug/m3			01/20/26 20:17	1.537
1,4-Dioxane	ND		5.5	1.8	ug/m3			01/20/26 20:17	1.537
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			01/20/26 20:17	1.537

Client Sample ID: 823-LFGP-10

Date Collected: 12/29/25 14:59
Date Received: 12/31/25 12:20
Sample Container: Summa Canister 6L

Lab Sample ID: 650-3330-20

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		9.1	3.0	ug/m3			01/20/26 20:17	1.537
2-Hexanone	ND		13	4.2	ug/m3			01/20/26 20:17	1.537
2-Propanol	ND		7.6	2.5	ug/m3			01/20/26 20:17	1.537
3-Chloropropene	ND		2.4	0.82	ug/m3			01/20/26 20:17	1.537
4-Ethyltoluene	ND		3.8	1.3	ug/m3			01/20/26 20:17	1.537
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			01/20/26 20:17	1.537
Acetone	**8.2**	**J**	18	6.1	ug/m3			01/20/26 20:17	1.537
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			01/20/26 20:17	1.537
Benzene	ND		2.5	0.83	ug/m3			01/20/26 20:17	1.537
Bromodichloromethane	ND		5.1	1.8	ug/m3			01/20/26 20:17	1.537
Bromoform	ND		7.9	2.7	ug/m3			01/20/26 20:17	1.537
Bromomethane	ND		6.0	2.0	ug/m3			01/20/26 20:17	1.537
Carbon disulfide	ND		9.6	3.2	ug/m3			01/20/26 20:17	1.537
Carbon tetrachloride	ND		4.8	1.6	ug/m3			01/20/26 20:17	1.537
Chlorobenzene	ND		3.5	1.2	ug/m3			01/20/26 20:17	1.537
Chloroethane	ND		8.1	2.7	ug/m3			01/20/26 20:17	1.537
Chloroform	**2.8**	**J**	3.8	1.3	ug/m3			01/20/26 20:17	1.537
Chloromethane	ND		16	5.3	ug/m3			01/20/26 20:17	1.537
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/20/26 20:17	1.537
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 20:17	1.537
Cumene	ND		3.8	1.3	ug/m3			01/20/26 20:17	1.537
Cyclohexane	ND		2.6	0.90	ug/m3			01/20/26 20:17	1.537
Dibromochloromethane	ND		6.5	2.2	ug/m3			01/20/26 20:17	1.537
Ethanol	ND		14	4.8	ug/m3			01/20/26 20:17	1.537
Ethylbenzene	ND		3.3	1.1	ug/m3			01/20/26 20:17	1.537
Freon 11	ND		4.3	1.5	ug/m3			01/20/26 20:17	1.537
Freon 113	**34**		5.9	2.0	ug/m3			01/20/26 20:17	1.537
Freon 12	**1.6**	**J**	3.8	1.3	ug/m3			01/20/26 20:17	1.537
Freon-114	ND		5.4	1.8	ug/m3			01/20/26 20:17	1.537
Heptane	ND		3.1	1.1	ug/m3			01/20/26 20:17	1.537
Hexachlorobutadiene	ND		33	11	ug/m3			01/20/26 20:17	1.537
Hexane	ND		2.7	0.92	ug/m3			01/20/26 20:17	1.537
m,p-Xylenes	ND		6.7	2.2	ug/m3			01/20/26 20:17	1.537
Methyl tert-butyl ether	ND		11	3.7	ug/m3			01/20/26 20:17	1.537
Methylene Chloride	ND		5.3	1.8	ug/m3			01/20/26 20:17	1.537
Naphthalene	ND		8.1	1.4	ug/m3			01/20/26 20:17	1.537
o-Xylene	ND		3.3	1.1	ug/m3			01/20/26 20:17	1.537
Propylbenzene	ND		3.8	1.3	ug/m3			01/20/26 20:17	1.537
Styrene	ND		3.3	1.1	ug/m3			01/20/26 20:17	1.537
Tetrachloroethene	**7.3**		5.2	1.8	ug/m3			01/20/26 20:17	1.537
Tetrahydrofuran	ND		2.3	0.77	ug/m3			01/20/26 20:17	1.537
Toluene	**2.1**	**J**	5.8	1.9	ug/m3			01/20/26 20:17	1.537
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			01/20/26 20:17	1.537
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			01/20/26 20:17	1.537
Trichloroethene	ND		4.1	1.4	ug/m3			01/20/26 20:17	1.537
Vinyl chloride	ND		2.0	0.67	ug/m3			01/20/26 20:17	1.537

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*01/20/26 20:17*	*1.537*

Client Sample ID: 823-LFGP-10

Lab Sample ID: 650-3330-20

Date Collected: 12/29/25 14:59
Matrix: Air
Date Received: 12/31/25 12:20
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)	*101*		*70 - 130*		*01/20/26 20:17*	*1.537*
Toluene-d8 (Surr)	*107*		*70 - 130*		*01/20/26 20:17*	*1.537*

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	0.000051	% v/v			01/15/26 19:48	1.537

Client Sample ID: 823-DUP-1

Lab Sample ID: 650-3330-21

Date Collected: 12/29/25 11:40
Matrix: Air
Date Received: 12/31/25 12:20
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		4.6	1.6	ug/m3			01/20/26 20:44	1.676
1,1,2,2-Tetrachloroethane	ND		5.8	2.0	ug/m3			01/20/26 20:44	1.676
1,1,2-Trichloroethane	ND		4.6	1.6	ug/m3			01/20/26 20:44	1.676
1,1-Dichloroethane	ND		3.4	1.2	ug/m3			01/20/26 20:44	1.676
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			01/20/26 20:44	1.676
1,2,4-Trichlorobenzene	ND		25	8.3	ug/m3			01/20/26 20:44	1.676
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/m3			01/20/26 20:44	1.676
1,2-Dibromoethane (EDB)	ND		6.4	2.2	ug/m3			01/20/26 20:44	1.676
1,2-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/20/26 20:44	1.676
1,2-Dichloroethane	ND		3.4	1.2	ug/m3			01/20/26 20:44	1.676
1,2-Dichloropropane	ND		3.9	1.3	ug/m3			01/20/26 20:44	1.676
1,3,5-Trimethylbenzene	ND		4.1	1.4	ug/m3			01/20/26 20:44	1.676
1,3-Butadiene	ND		1.9	0.63	ug/m3			01/20/26 20:44	1.676
1,3-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/20/26 20:44	1.676
1,4-Dichlorobenzene	ND		5.0	1.7	ug/m3			01/20/26 20:44	1.676
1,4-Dioxane	ND		6.0	2.0	ug/m3			01/20/26 20:44	1.676
2,2,4-Trimethylpentane	ND		3.9	1.3	ug/m3			01/20/26 20:44	1.676
2-Butanone (MEK)	ND		9.9	3.3	ug/m3			01/20/26 20:44	1.676
2-Hexanone	ND		14	4.6	ug/m3			01/20/26 20:44	1.676
2-Propanol	**3.4**	**J**	8.2	2.8	ug/m3			01/20/26 20:44	1.676
3-Chloropropene	ND		2.6	0.89	ug/m3			01/20/26 20:44	1.676
4-Ethyltoluene	ND		4.1	1.4	ug/m3			01/20/26 20:44	1.676
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.2	ug/m3			01/20/26 20:44	1.676
Acetone	**8.3**	**J**	20	6.6	ug/m3			01/20/26 20:44	1.676
alpha-Chlorotoluene	ND		4.3	1.5	ug/m3			01/20/26 20:44	1.676
Benzene	ND		2.7	0.91	ug/m3			01/20/26 20:44	1.676
Bromodichloromethane	ND		5.6	1.9	ug/m3			01/20/26 20:44	1.676
Bromoform	ND		8.7	2.9	ug/m3			01/20/26 20:44	1.676
Bromomethane	ND		6.5	2.1	ug/m3			01/20/26 20:44	1.676
Carbon disulfide	ND		10	3.5	ug/m3			01/20/26 20:44	1.676
Carbon tetrachloride	ND		5.3	1.8	ug/m3			01/20/26 20:44	1.676
Chlorobenzene	ND		3.9	1.3	ug/m3			01/20/26 20:44	1.676
Chloroethane	ND		8.8	3.0	ug/m3			01/20/26 20:44	1.676
Chloroform	ND		4.1	1.4	ug/m3			01/20/26 20:44	1.676
Chloromethane	ND		17	5.8	ug/m3			01/20/26 20:44	1.676

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-DUP-1

Lab Sample ID: 650-3330-21

Date Collected: 12/29/25 11:40
Matrix: Air
Date Received: 12/31/25 12:20
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		3.3	1.1	ug/m3			01/20/26 20:44	1.676
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/20/26 20:44	1.676
Cumene	ND		4.1	1.4	ug/m3			01/20/26 20:44	1.676
Cyclohexane	ND		2.9	0.98	ug/m3			01/20/26 20:44	1.676
Dibromochloromethane	ND		7.1	2.4	ug/m3			01/20/26 20:44	1.676
Ethanol	ND		16	5.3	ug/m3			01/20/26 20:44	1.676
Ethylbenzene	ND		3.6	1.2	ug/m3			01/20/26 20:44	1.676
Freon 11	ND		4.7	1.6	ug/m3			01/20/26 20:44	1.676
Freon 113	**3.4**	**J**	6.4	2.2	ug/m3			01/20/26 20:44	1.676
Freon 12	**2.0**	**J**	4.1	1.4	ug/m3			01/20/26 20:44	1.676
Freon-114	ND		5.9	2.0	ug/m3			01/20/26 20:44	1.676
Heptane	ND		3.4	1.2	ug/m3			01/20/26 20:44	1.676
Hexachlorobutadiene	ND		36	12	ug/m3			01/20/26 20:44	1.676
Hexane	ND		3.0	1.0	ug/m3			01/20/26 20:44	1.676
m,p-Xylenes	ND		7.3	2.4	ug/m3			01/20/26 20:44	1.676
Methyl tert-butyl ether	ND		12	4.0	ug/m3			01/20/26 20:44	1.676
Methylene Chloride	ND		5.8	1.9	ug/m3			01/20/26 20:44	1.676
Naphthalene	ND		8.8	1.5	ug/m3			01/20/26 20:44	1.676
o-Xylene	ND		3.6	1.2	ug/m3			01/20/26 20:44	1.676
Propylbenzene	ND		4.1	1.4	ug/m3			01/20/26 20:44	1.676
Styrene	ND		3.6	1.2	ug/m3			01/20/26 20:44	1.676
Tetrachloroethene	**210**		5.7	1.9	ug/m3			01/20/26 20:44	1.676
Tetrahydrofuran	ND		2.5	0.84	ug/m3			01/20/26 20:44	1.676
Toluene	**3.3**	**J**	6.3	2.1	ug/m3			01/20/26 20:44	1.676
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			01/20/26 20:44	1.676
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			01/20/26 20:44	1.676
Trichloroethene	ND		4.5	1.5	ug/m3			01/20/26 20:44	1.676
Vinyl chloride	ND		2.1	0.73	ug/m3			01/20/26 20:44	1.676

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*01/20/26 20:44*	*1.676*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*01/20/26 20:44*	*1.676*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/20/26 20:44*	*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			01/15/26 14:39	1.676

Surrogate Summary

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

Job ID: 650-3330-2
SDG: 65000581

Method: TO15 - Volatile Organic Compounds in Air, High Concentration (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)
650-3330-15	823-LFGP-5	101	100	106
LCS 650-8594/3	Lab Control Sample	101	98	100
LCSD 650-8594/4	Lab Control Sample Dup	102	101	99
MB 650-8594/38	Method Blank	103	95	98

Surrogate Legend

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

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)
650-3330-11	823-LFGP-1	107	101	105
650-3330-12	823-LFGP-2	107	102	104
650-3330-13	823-LFGP-3	108	102	106
650-3330-14	823-LFGP-4	107	101	105
650-3330-16	823-LFGP-6	107	100	106
650-3330-17	823-LFGP-7	107	101	106
650-3330-18	823-LFGP-8	108	100	102
650-3330-19	823-LFGP-9	110	99	107
650-3330-20	823-LFGP-10	109	101	107
650-3330-21	823-DUP-1	111	101	106
LCS 650-8233/4	Lab Control Sample	104	105	106
LCS 650-8352/4	Lab Control Sample	104	105	107
LCSD 650-8233/5	Lab Control Sample Dup	103	105	105
LCSD 650-8352/5	Lab Control Sample Dup	104	105	107
MB 650-8233/6	Method Blank	116	100	110
MB 650-8352/6	Method Blank	114	99	111

Surrogate Legend

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

Method: TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS)

Lab Sample ID: MB 650-8594/38
Matrix: Air
Analysis Batch: 8594

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		27	9.3	ug/m3			01/22/26 10:07	1
1,1,2,2-Tetrachloroethane	ND		34	12	ug/m3			01/22/26 10:07	1
1,1,2-Trichloroethane	ND		27	9.3	ug/m3			01/22/26 10:07	1
1,1-Dichloroethane	ND		20	6.9	ug/m3			01/22/26 10:07	1
1,1-Dichloroethene	ND		20	9.9	ug/m3			01/22/26 10:07	1
1,2,4-Trichlorobenzene	ND		150	50	ug/m3			01/22/26 10:07	1
1,2,4-Trimethylbenzene	ND		25	8.4	ug/m3			01/22/26 10:07	1
1,2-Dibromoethane (EDB)	ND		38	13	ug/m3			01/22/26 10:07	1
1,2-Dichlorobenzene	ND		30	10	ug/m3			01/22/26 10:07	1
1,2-Dichloroethane	ND		20	6.9	ug/m3			01/22/26 10:07	1
1,2-Dichloropropane	ND		23	7.9	ug/m3			01/22/26 10:07	1
1,3,5-Trimethylbenzene	ND		25	8.4	ug/m3			01/22/26 10:07	1
1,3-Butadiene	ND		11	5.5	ug/m3			01/22/26 10:07	1
1,3-Dichlorobenzene	ND		30	10	ug/m3			01/22/26 10:07	1
1,4-Dichlorobenzene	ND		30	10	ug/m3			01/22/26 10:07	1
1,4-Dioxane	ND		72	24	ug/m3			01/22/26 10:07	1
2,2,4-Trimethylpentane	ND		23	7.9	ug/m3			01/22/26 10:07	1
2-Butanone (MEK)	ND		59	20	ug/m3			01/22/26 10:07	1
2-Hexanone	ND		82	27	ug/m3			01/22/26 10:07	1
2-Propanol	ND		61	25	ug/m3			01/22/26 10:07	1
3-Chloropropene	ND		63	21	ug/m3			01/22/26 10:07	1
4-Ethyltoluene	ND		25	8.4	ug/m3			01/22/26 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		82	27	ug/m3			01/22/26 10:07	1
Acetone	ND		48	16	ug/m3			01/22/26 10:07	1
alpha-Chlorotoluene	ND		26	8.8	ug/m3			01/22/26 10:07	1
Benzene	ND		16	5.4	ug/m3			01/22/26 10:07	1
Bromodichloromethane	ND		34	11	ug/m3			01/22/26 10:07	1
Bromoform	ND		52	18	ug/m3			01/22/26 10:07	1
Bromomethane	ND		78	26	ug/m3			01/22/26 10:07	1
Carbon disulfide	ND		62	21	ug/m3			01/22/26 10:07	1
Carbon tetrachloride	ND		31	11	ug/m3			01/22/26 10:07	1
Chlorobenzene	ND		23	7.8	ug/m3			01/22/26 10:07	1
Chloroethane	ND		53	18	ug/m3			01/22/26 10:07	1
Chloroform	ND		24	8.3	ug/m3			01/22/26 10:07	1
Chloromethane	ND		41	14	ug/m3			01/22/26 10:07	1
cis-1,2-Dichloroethene	ND		20	6.7	ug/m3			01/22/26 10:07	1
cis-1,3-Dichloropropene	ND		23	7.7	ug/m3			01/22/26 10:07	1
Cumene	ND		25	8.4	ug/m3			01/22/26 10:07	1
Cyclohexane	ND		17	5.9	ug/m3			01/22/26 10:07	1
Dibromochloromethane	ND		43	14	ug/m3			01/22/26 10:07	1
Ethanol	ND		47	16	ug/m3			01/22/26 10:07	1
Ethylbenzene	ND		22	7.4	ug/m3			01/22/26 10:07	1
Freon 11	ND		28	9.6	ug/m3			01/22/26 10:07	1
Freon 113	ND		38	13	ug/m3			01/22/26 10:07	1
Freon 12	ND		25	8.4	ug/m3			01/22/26 10:07	1
Freon-114	ND		35	12	ug/m3			01/22/26 10:07	1
Heptane	ND		20	10	ug/m3			01/22/26 10:07	1
Hexachlorobutadiene	ND		210	71	ug/m3			01/22/26 10:07	1

Method: TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS) (Continued)

Lab Sample ID: MB 650-8594/38
Matrix: Air
Analysis Batch: 8594

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		18	8.8	ug/m3			01/22/26 10:07	1
m,p-Xylene	ND		22	7.4	ug/m3			01/22/26 10:07	1
Methyl tert-butyl ether	ND		18	6.1	ug/m3			01/22/26 10:07	1
Methylene Chloride	ND		69	23	ug/m3			01/22/26 10:07	1
o-Xylene	ND		22	7.4	ug/m3			01/22/26 10:07	1
Propylbenzene	ND		25	8.4	ug/m3			01/22/26 10:07	1
Styrene	ND		21	7.2	ug/m3			01/22/26 10:07	1
Tetrachloroethene	ND		34	17	ug/m3			01/22/26 10:07	1
Tetrahydrofuran	ND		15	5.0	ug/m3			01/22/26 10:07	1
Toluene	ND		19	6.4	ug/m3			01/22/26 10:07	1
trans-1,2-Dichloroethene	ND		20	6.7	ug/m3			01/22/26 10:07	1
trans-1,3-Dichloropropene	ND		23	7.7	ug/m3			01/22/26 10:07	1
Trichloroethene	ND		27	9.1	ug/m3			01/22/26 10:07	1
Vinyl chloride	ND		13	4.3	ug/m3			01/22/26 10:07	1
Naphthalene	ND		100	5.2	ug/m3			01/22/26 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*01/22/26 10:07*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/22/26 10:07*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/22/26 10:07*	*1*

Lab Sample ID: LCS 650-8594/3
Matrix: Air
Analysis Batch: 8594

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	1090	1230		ug/m3		113	70 - 130
1,1,2,2-Tetrachloroethane	1370	1310		ug/m3		96	70 - 130
1,1,2-Trichloroethane	1090	1070		ug/m3		98	70 - 130
1,1-Dichloroethane	807	903		ug/m3		112	70 - 130
1,1-Dichloroethene	791	878		ug/m3		111	70 - 130
1,2,4-Trichlorobenzene	1660	1390		ug/m3		84	70 - 130
1,2,4-Trimethylbenzene	981	1010		ug/m3		103	70 - 130
1,2-Dibromoethane (EDB)	1530	1560		ug/m3		102	70 - 130
1,2-Dichlorobenzene	1200	1230		ug/m3		103	70 - 130
1,2-Dichloroethane	807	810		ug/m3		100	70 - 130
1,2-Dichloropropane	922	838		ug/m3		91	70 - 130
1,3,5-Trimethylbenzene	981	1000		ug/m3		102	70 - 130
1,3-Butadiene	441	507		ug/m3		115	70 - 130
1,3-Dichlorobenzene	1200	1200		ug/m3		100	70 - 130
1,4-Dichlorobenzene	1200	1210		ug/m3		101	70 - 130
1,4-Dioxane	719	664		ug/m3		92	70 - 130
2,2,4-Trimethylpentane	932	917		ug/m3		98	70 - 130
2-Butanone (MEK)	588	522		ug/m3		89	70 - 130
2-Hexanone	818	700		ug/m3		86	70 - 130
2-Propanol	490	526		ug/m3		107	70 - 130
3-Chloropropene	624	733		ug/m3		117	70 - 130
4-Ethyltoluene	981	1050		ug/m3		107	70 - 130

Method: TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 650-8594/3
Matrix: Air
Analysis Batch: 8594

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)	817	751		ug/m3		92	70 - 130
Acetone	474	454		ug/m3		96	70 - 130
alpha-Chlorotoluene	1030	1160		ug/m3		112	70 - 130
Benzene	637	609		ug/m3		96	70 - 130
Bromodichloromethane	1340	1380		ug/m3		103	70 - 130
Bromoform	2060	2100		ug/m3		102	70 - 130
Bromomethane	775	864		ug/m3		112	70 - 130
Carbon disulfide	621	604		ug/m3		97	70 - 130
Carbon tetrachloride	1250	1380		ug/m3		110	70 - 130
Chlorobenzene	918	786		ug/m3		86	70 - 130
Chloroethane	526	573		ug/m3		109	70 - 130
Chloroform	974	953		ug/m3		98	70 - 130
Chloromethane	412	454		ug/m3		110	70 - 130
cis-1,2-Dichloroethene	791	857		ug/m3		108	70 - 130
cis-1,3-Dichloropropene	905	971		ug/m3		107	70 - 130
Cumene	981	870		ug/m3		89	70 - 130
Cyclohexane	687	620		ug/m3		90	70 - 130
Dibromochloromethane	1700	1750		ug/m3		103	70 - 130
Ethanol	444	386		ug/m3		87	70 - 130
Ethylbenzene	866	750		ug/m3		87	70 - 130
Freon 11	1120	1330		ug/m3		119	70 - 130
Freon 113	1530	1720		ug/m3		113	70 - 130
Freon 12	987	1150		ug/m3		116	70 - 130
Freon-114	1390	1660		ug/m3		119	70 - 130
Heptane	818	780		ug/m3		95	70 - 130
Hexachlorobutadiene	2360	1880		ug/m3		80	70 - 130
Hexane	703	699		ug/m3		99	70 - 130
m,p-Xylene	866	775		ug/m3		89	70 - 130
Methyl tert-butyl ether	719	759		ug/m3		106	70 - 130
Methylene Chloride	693	673		ug/m3		97	70 - 130
o-Xylene	866	777		ug/m3		90	70 - 130
Propylbenzene	981	1000		ug/m3		102	70 - 130
Styrene	850	872		ug/m3		103	70 - 130
Tetrachloroethene	1350	1250		ug/m3		92	70 - 130
Tetrahydrofuran	588	548		ug/m3		93	70 - 130
Toluene	752	701		ug/m3		93	70 - 130
trans-1,2-Dichloroethene	791	810		ug/m3		102	70 - 130
trans-1,3-Dichloropropene	905	961		ug/m3		106	70 - 130
Trichloroethene	1070	1040		ug/m3		97	70 - 130
Vinyl chloride	510	550		ug/m3		108	70 - 130
Naphthalene	105	107		ug/m3		102	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 650-8594/4
Matrix: Air
Analysis Batch: 8594

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			1090	1240		ug/m3		114	70 - 130	1	25
1,1,2,2-Tetrachloroethane			1370	1310		ug/m3		95	70 - 130	1	25
1,1,2-Trichloroethane			1090	1120		ug/m3		103	70 - 130	5	25
1,1-Dichloroethane			807	880		ug/m3		109	70 - 130	3	25
1,1-Dichloroethene			791	908		ug/m3		115	70 - 130	3	25
1,2,4-Trichlorobenzene			1660	1650		ug/m3		100	70 - 130	17	25
1,2,4-Trimethylbenzene			981	1020		ug/m3		104	70 - 130	1	25
1,2-Dibromoethane (EDB)			1530	1590		ug/m3		104	70 - 130	2	25
1,2-Dichlorobenzene			1200	1240		ug/m3		104	70 - 130	1	25
1,2-Dichloroethane			807	766		ug/m3		95	70 - 130	6	25
1,2-Dichloropropane			922	854		ug/m3		93	70 - 130	2	25
1,3,5-Trimethylbenzene			981	999		ug/m3		102	70 - 130	0	25
1,3-Butadiene			441	496		ug/m3		112	70 - 130	2	25
1,3-Dichlorobenzene			1200	1200		ug/m3		100	70 - 130	1	25
1,4-Dichlorobenzene			1200	1230		ug/m3		103	70 - 130	2	25
1,4-Dioxane			719	643		ug/m3		89	70 - 130	3	25
2,2,4-Trimethylpentane			932	915		ug/m3		98	70 - 130	0	25
2-Butanone (MEK)			588	535		ug/m3		91	70 - 130	2	25
2-Hexanone			818	709		ug/m3		87	70 - 130	1	25
2-Propanol			490	542		ug/m3		111	70 - 130	3	25
3-Chloropropene			624	699		ug/m3		112	70 - 130	5	25
4-Ethyltoluene			981	1040		ug/m3		106	70 - 130	1	25
4-Methyl-2-pentanone (MIBK)			817	742		ug/m3		91	70 - 130	1	25
Acetone			474	471		ug/m3		99	70 - 130	4	25
alpha-Chlorotoluene			1030	1200		ug/m3		116	70 - 130	4	25
Benzene			637	598		ug/m3		94	70 - 130	2	25
Bromodichloromethane			1340	1400		ug/m3		104	70 - 130	1	25
Bromoform			2060	2110		ug/m3		102	70 - 130	1	25
Bromomethane			775	881		ug/m3		114	70 - 130	2	25
Carbon disulfide			621	592		ug/m3		95	70 - 130	2	25
Carbon tetrachloride			1250	1440		ug/m3		115	70 - 130	4	25
Chlorobenzene			918	798		ug/m3		87	70 - 130	1	25
Chloroethane			526	569		ug/m3		108	70 - 130	1	25
Chloroform			974	949		ug/m3		97	70 - 130	0	25
Chloromethane			412	453		ug/m3		110	70 - 130	0	25
cis-1,2-Dichloroethene			791	852		ug/m3		108	70 - 130	1	25
cis-1,3-Dichloropropene			905	977		ug/m3		108	70 - 130	1	25
Cumene			981	866		ug/m3		88	70 - 130	0	25
Cyclohexane			687	618		ug/m3		90	70 - 130	0	25
Dibromochloromethane			1700	1750		ug/m3		103	70 - 130	0	25
Ethanol			444	415		ug/m3		94	70 - 130	7	25
Ethylbenzene			866	747		ug/m3		86	70 - 130	0	25
Freon 11			1120	1320		ug/m3		118	70 - 130	1	25
Freon 113			1530	1740		ug/m3		114	70 - 130	1	25
Freon 12			987	1080		ug/m3		109	70 - 130	6	25
Freon-114			1390	1560		ug/m3		112	70 - 130	6	25
Heptane			818	765		ug/m3		94	70 - 130	2	25
Hexachlorobutadiene			2360	2220		ug/m3		94	70 - 130	16	25

Method: TO15 - Volatile Organic Compounds in Air, High Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 650-8594/4
Matrix: Air
Analysis Batch: 8594

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			703	708		ug/m3		101	70 - 130	1	25
m,p-Xylene			866	772		ug/m3		89	70 - 130	0	25
Methyl tert-butyl ether			719	754		ug/m3		105	70 - 130	1	25
Methylene Chloride			693	662		ug/m3		96	70 - 130	2	25
o-Xylene			866	794		ug/m3		92	70 - 130	2	25
Propylbenzene			981	1010		ug/m3		103	70 - 130	1	25
Styrene			850	859		ug/m3		101	70 - 130	1	25
Tetrachloroethene			1350	1250		ug/m3		92	70 - 130	0	25
Tetrahydrofuran			588	539		ug/m3		92	70 - 130	2	25
Toluene			752	709		ug/m3		94	70 - 130	1	25
trans-1,2-Dichloroethene			791	787		ug/m3		99	70 - 130	3	25
trans-1,3-Dichloropropene			905	954		ug/m3		105	70 - 130	1	25
Trichloroethene			1070	1050		ug/m3		98	70 - 130	1	25
Vinyl chloride			510	547		ug/m3		107	70 - 130	1	25
Naphthalene			105	125		ug/m3		120	60 - 140	16	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: MB 650-8233/6
Matrix: Air
Analysis Batch: 8233

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			01/19/26 10:52	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			01/19/26 10:52	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			01/19/26 10:52	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			01/19/26 10:52	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			01/19/26 10:52	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			01/19/26 10:52	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/19/26 10:52	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			01/19/26 10:52	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/19/26 10:52	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			01/19/26 10:52	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			01/19/26 10:52	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/19/26 10:52	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			01/19/26 10:52	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/19/26 10:52	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/19/26 10:52	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			01/19/26 10:52	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			01/19/26 10:52	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			01/19/26 10:52	1
2-Hexanone	ND		8.2	2.7	ug/m3			01/19/26 10:52	1
2-Propanol	ND		4.9	1.6	ug/m3			01/19/26 10:52	1
3-Chloropropene	ND		1.6	0.53	ug/m3			01/19/26 10:52	1

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

Lab Sample ID: MB 650-8233/6
Matrix: Air
Analysis Batch: 8233

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		2.5	0.84	ug/m3			01/19/26 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			01/19/26 10:52	1
Acetone	ND		12	4.0	ug/m3			01/19/26 10:52	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			01/19/26 10:52	1
Benzene	ND		1.6	0.54	ug/m3			01/19/26 10:52	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			01/19/26 10:52	1
Bromoform	ND		5.2	1.8	ug/m3			01/19/26 10:52	1
Bromomethane	ND		3.9	1.3	ug/m3			01/19/26 10:52	1
Carbon disulfide	ND		6.2	2.1	ug/m3			01/19/26 10:52	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			01/19/26 10:52	1
Chlorobenzene	ND		2.3	0.78	ug/m3			01/19/26 10:52	1
Chloroethane	ND		5.3	1.8	ug/m3			01/19/26 10:52	1
Chloroform	ND		2.4	0.83	ug/m3			01/19/26 10:52	1
Chloromethane	ND		10	3.4	ug/m3			01/19/26 10:52	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/19/26 10:52	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/19/26 10:52	1
Cumene	ND		2.5	0.84	ug/m3			01/19/26 10:52	1
Cyclohexane	ND		1.7	0.59	ug/m3			01/19/26 10:52	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			01/19/26 10:52	1
Ethanol	ND		9.4	3.1	ug/m3			01/19/26 10:52	1
Ethylbenzene	ND		2.2	0.74	ug/m3			01/19/26 10:52	1
Freon 11	ND		2.8	0.96	ug/m3			01/19/26 10:52	1
Freon 113	ND		3.8	1.3	ug/m3			01/19/26 10:52	1
Freon 12	ND		2.5	0.84	ug/m3			01/19/26 10:52	1
Freon-114	ND		3.5	1.2	ug/m3			01/19/26 10:52	1
Heptane	ND		2.0	0.70	ug/m3			01/19/26 10:52	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			01/19/26 10:52	1
Hexane	ND		1.8	0.60	ug/m3			01/19/26 10:52	1
m,p-Xylenes	ND		4.3	1.4	ug/m3			01/19/26 10:52	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			01/19/26 10:52	1
Methylene Chloride	ND		3.5	1.1	ug/m3			01/19/26 10:52	1
Naphthalene	ND		5.2	0.89	ug/m3			01/19/26 10:52	1
o-Xylene	ND		2.2	0.74	ug/m3			01/19/26 10:52	1
Propylbenzene	ND		2.5	0.84	ug/m3			01/19/26 10:52	1
Styrene	ND		2.1	0.72	ug/m3			01/19/26 10:52	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			01/19/26 10:52	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			01/19/26 10:52	1
Toluene	ND		3.8	1.2	ug/m3			01/19/26 10:52	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/19/26 10:52	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/19/26 10:52	1
Trichloroethene	ND		2.7	0.91	ug/m3			01/19/26 10:52	1
Vinyl chloride	ND		1.3	0.43	ug/m3			01/19/26 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*01/19/26 10:52*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*01/19/26 10:52*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*01/19/26 10:52*	*1*

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

Lab Sample ID: LCS 650-8233/4
Matrix: Air
Analysis Batch: 8233

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	113		ug/m3		103	70 - 130
1,1,2,2-Tetrachloroethane	138	142		ug/m3		103	70 - 130
1,1,2-Trichloroethane	109	109		ug/m3		100	70 - 130
1,1-Dichloroethane	81.2	87.7		ug/m3		108	70 - 130
1,1-Dichloroethene	79.5	74.5		ug/m3		94	70 - 130
1,2,4-Trichlorobenzene	167	150		ug/m3		90	70 - 130
1,2,4-Trimethylbenzene	98.6	102		ug/m3		104	70 - 130
1,2-Dibromoethane (EDB)	154	153		ug/m3		99	70 - 130
1,2-Dichlorobenzene	121	135		ug/m3		112	70 - 130
1,2-Dichloroethane	81.2	73.1		ug/m3		90	70 - 130
1,2-Dichloropropane	92.7	81.8		ug/m3		88	70 - 130
1,3,5-Trimethylbenzene	98.6	101		ug/m3		103	70 - 130
1,3-Butadiene	44.4	42.4		ug/m3		95	70 - 130
1,3-Dichlorobenzene	121	135		ug/m3		112	70 - 130
1,4-Dichlorobenzene	121	125		ug/m3		103	70 - 130
1,4-Dioxane	72.3	67.2		ug/m3		93	70 - 130
2,2,4-Trimethylpentane	93.7	84.2		ug/m3		90	70 - 130
2-Butanone (MEK)	59.1	50.8		ug/m3		86	70 - 130
2-Hexanone	82.2	69.8		ug/m3		85	70 - 130
2-Propanol	49.3	47.3		ug/m3		96	70 - 130
3-Chloropropene	62.8	59.4		ug/m3		95	70 - 130
4-Ethyltoluene	98.6	113		ug/m3		114	70 - 130
4-Methyl-2-pentanone (MIBK)	82.1	70.6		ug/m3		86	70 - 130
Acetone	47.6	43.1		ug/m3		90	70 - 130
alpha-Chlorotoluene	104	108		ug/m3		104	70 - 130
Benzene	64.1	59.6		ug/m3		93	70 - 130
Bromodichloromethane	134	136		ug/m3		101	70 - 130
Bromoform	207	230		ug/m3		111	70 - 130
Bromomethane	77.9	69.9		ug/m3		90	70 - 130
Carbon disulfide	62.4	54.6		ug/m3		87	70 - 130
Carbon tetrachloride	126	127		ug/m3		100	70 - 130
Chlorobenzene	92.3	78.9		ug/m3		85	70 - 130
Chloroethane	52.9	52.0		ug/m3		98	70 - 130
Chloroform	97.9	88.3		ug/m3		90	70 - 130
Chloromethane	41.4	41.6		ug/m3		101	70 - 130
cis-1,2-Dichloroethene	79.5	73.8		ug/m3		93	70 - 130
cis-1,3-Dichloropropene	91.0	92.2		ug/m3		101	70 - 130
Cumene	98.6	85.9		ug/m3		87	70 - 130
Cyclohexane	69.0	60.5		ug/m3		88	70 - 130
Dibromochloromethane	171	177		ug/m3		104	70 - 130
Ethanol	44.6	35.5		ug/m3		80	70 - 130
Ethylbenzene	87.1	76.6		ug/m3		88	70 - 130
Freon 11	113	108		ug/m3		96	70 - 130
Freon 113	154	159		ug/m3		103	70 - 130
Freon 12	99.2	97.5		ug/m3		98	70 - 130
Freon-114	140	130		ug/m3		93	70 - 130
Heptane	82.2	77.0		ug/m3		94	70 - 130
Hexachlorobutadiene	237	215		ug/m3		91	70 - 130

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

Lab Sample ID: LCS 650-8233/4
Matrix: Air
Analysis Batch: 8233

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	70.7	66.8		ug/m3		95	70 - 130
m,p-Xylenes	87.1	77.2		ug/m3		89	70 - 130
Methyl tert-butyl ether	72.3	61.5		ug/m3		85	70 - 130
Methylene Chloride	69.6	62.2		ug/m3		89	70 - 130
Naphthalene	10.5	9.10		ug/m3		87	60 - 140
o-Xylene	87.1	74.5		ug/m3		86	70 - 130
Propylbenzene	98.6	105		ug/m3		107	70 - 130
Styrene	85.4	86.2		ug/m3		101	70 - 130
Tetrachloroethene	136	123		ug/m3		90	70 - 130
Tetrahydrofuran	59.1	51.0		ug/m3		86	70 - 130
Toluene	75.6	69.3		ug/m3		92	70 - 130
trans-1,2-Dichloroethene	79.5	74.3		ug/m3		93	70 - 130
trans-1,3-Dichloropropene	91.0	82.9		ug/m3		91	70 - 130
Trichloroethene	108	103		ug/m3		95	70 - 130
Vinyl chloride	51.3	47.7		ug/m3		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 650-8233/5
Matrix: Air
Analysis Batch: 8233

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	111		ug/m3		101	70 - 130	1	25
1,1,2,2-Tetrachloroethane	138	142		ug/m3		103	70 - 130	0	25
1,1,2-Trichloroethane	109	110		ug/m3		101	70 - 130	1	25
1,1-Dichloroethane	81.2	86.4		ug/m3		106	70 - 130	2	25
1,1-Dichloroethene	79.5	78.3		ug/m3		98	70 - 130	5	25
1,2,4-Trichlorobenzene	167	152		ug/m3		91	70 - 130	1	25
1,2,4-Trimethylbenzene	98.6	104		ug/m3		106	70 - 130	2	25
1,2-Dibromoethane (EDB)	154	155		ug/m3		101	70 - 130	1	25
1,2-Dichlorobenzene	121	136		ug/m3		113	70 - 130	1	25
1,2-Dichloroethane	81.2	72.8		ug/m3		90	70 - 130	0	25
1,2-Dichloropropane	92.7	80.2		ug/m3		87	70 - 130	2	25
1,3,5-Trimethylbenzene	98.6	102		ug/m3		104	70 - 130	1	25
1,3-Butadiene	44.4	46.0		ug/m3		104	70 - 130	8	25
1,3-Dichlorobenzene	121	138		ug/m3		114	70 - 130	2	25
1,4-Dichlorobenzene	121	127		ug/m3		105	70 - 130	2	25
1,4-Dioxane	72.3	67.7		ug/m3		94	70 - 130	1	25
2,2,4-Trimethylpentane	93.7	81.8		ug/m3		87	70 - 130	3	25
2-Butanone (MEK)	59.1	51.8		ug/m3		88	70 - 130	2	25
2-Hexanone	82.2	71.1		ug/m3		86	70 - 130	2	25
2-Propanol	49.3	48.1		ug/m3		98	70 - 130	2	25
3-Chloropropene	62.8	62.9		ug/m3		100	70 - 130	6	25
4-Ethyltoluene	98.6	113		ug/m3		115	70 - 130	1	25

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

Lab Sample ID: LCSD 650-8233/5
Matrix: Air
Analysis Batch: 8233

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)			82.1	69.6		ug/m3		85	70 - 130	1	25
Acetone			47.6	42.8		ug/m3		90	70 - 130	1	25
alpha-Chlorotoluene			104	112		ug/m3		108	70 - 130	3	25
Benzene			64.1	59.5		ug/m3		93	70 - 130	0	25
Bromodichloromethane			134	139		ug/m3		104	70 - 130	2	25
Bromoform			207	229		ug/m3		111	70 - 130	0	25
Bromomethane			77.9	77.9		ug/m3		100	70 - 130	11	25
Carbon disulfide			62.4	56.8		ug/m3		91	70 - 130	4	25
Carbon tetrachloride			126	127		ug/m3		101	70 - 130	0	25
Chlorobenzene			92.3	79.5		ug/m3		86	70 - 130	1	25
Chloroethane			52.9	54.4		ug/m3		103	70 - 130	5	25
Chloroform			97.9	88.2		ug/m3		90	70 - 130	0	25
Chloromethane			41.4	43.1		ug/m3		104	70 - 130	4	25
cis-1,2-Dichloroethene			79.5	73.4		ug/m3		92	70 - 130	1	25
cis-1,3-Dichloropropene			91.0	92.6		ug/m3		102	70 - 130	0	25
Cumene			98.6	86.9		ug/m3		88	70 - 130	1	25
Cyclohexane			69.0	60.8		ug/m3		88	70 - 130	1	25
Dibromochloromethane			171	179		ug/m3		105	70 - 130	1	25
Ethanol			44.6	35.6		ug/m3		80	70 - 130	0	25
Ethylbenzene			87.1	78.3		ug/m3		90	70 - 130	2	25
Freon 11			113	117		ug/m3		104	70 - 130	8	25
Freon 113			154	165		ug/m3		107	70 - 130	4	25
Freon 12			99.2	105		ug/m3		106	70 - 130	7	25
Freon-114			140	145		ug/m3		104	70 - 130	11	25
Heptane			82.2	77.3		ug/m3		94	70 - 130	0	25
Hexachlorobutadiene			237	218		ug/m3		92	70 - 130	1	25
Hexane			70.7	66.2		ug/m3		94	70 - 130	1	25
m,p-Xylenes			87.1	78.2		ug/m3		90	70 - 130	1	25
Methyl tert-butyl ether			72.3	63.1		ug/m3		87	70 - 130	3	25
Methylene Chloride			69.6	63.5		ug/m3		91	70 - 130	2	25
Naphthalene			10.5	9.27		ug/m3		88	60 - 140	2	25
o-Xylene			87.1	75.9		ug/m3		87	70 - 130	2	25
Propylbenzene			98.6	108		ug/m3		110	70 - 130	3	25
Styrene			85.4	88.7		ug/m3		104	70 - 130	3	25
Tetrachloroethene			136	123		ug/m3		90	70 - 130	0	25
Tetrahydrofuran			59.1	51.6		ug/m3		87	70 - 130	1	25
Toluene			75.6	70.4		ug/m3		93	70 - 130	2	25
trans-1,2-Dichloroethene			79.5	76.0		ug/m3		96	70 - 130	2	25
trans-1,3-Dichloropropene			91.0	83.4		ug/m3		92	70 - 130	1	25
Trichloroethene			108	102		ug/m3		94	70 - 130	1	25
Vinyl chloride			51.3	53.1		ug/m3		104	70 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 650-8352/6
Matrix: Air
Analysis Batch: 8352

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			01/20/26 11:29	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			01/20/26 11:29	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			01/20/26 11:29	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			01/20/26 11:29	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			01/20/26 11:29	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			01/20/26 11:29	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			01/20/26 11:29	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/20/26 11:29	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			01/20/26 11:29	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			01/20/26 11:29	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			01/20/26 11:29	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/20/26 11:29	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			01/20/26 11:29	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			01/20/26 11:29	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			01/20/26 11:29	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			01/20/26 11:29	1
2-Hexanone	ND		8.2	2.7	ug/m3			01/20/26 11:29	1
2-Propanol	ND		4.9	1.6	ug/m3			01/20/26 11:29	1
3-Chloropropene	ND		1.6	0.53	ug/m3			01/20/26 11:29	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			01/20/26 11:29	1
Acetone	ND		12	4.0	ug/m3			01/20/26 11:29	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			01/20/26 11:29	1
Benzene	ND		1.6	0.54	ug/m3			01/20/26 11:29	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			01/20/26 11:29	1
Bromoform	ND		5.2	1.8	ug/m3			01/20/26 11:29	1
Bromomethane	ND		3.9	1.3	ug/m3			01/20/26 11:29	1
Carbon disulfide	ND		6.2	2.1	ug/m3			01/20/26 11:29	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			01/20/26 11:29	1
Chlorobenzene	ND		2.3	0.78	ug/m3			01/20/26 11:29	1
Chloroethane	ND		5.3	1.8	ug/m3			01/20/26 11:29	1
Chloroform	ND		2.4	0.83	ug/m3			01/20/26 11:29	1
Chloromethane	ND		10	3.4	ug/m3			01/20/26 11:29	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/20/26 11:29	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/20/26 11:29	1
Cumene	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
Cyclohexane	ND		1.7	0.59	ug/m3			01/20/26 11:29	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			01/20/26 11:29	1
Ethanol	ND		9.4	3.1	ug/m3			01/20/26 11:29	1
Ethylbenzene	ND		2.2	0.74	ug/m3			01/20/26 11:29	1
Freon 11	ND		2.8	0.96	ug/m3			01/20/26 11:29	1
Freon 113	ND		3.8	1.3	ug/m3			01/20/26 11:29	1
Freon 12	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
Freon-114	ND		3.5	1.2	ug/m3			01/20/26 11:29	1
Heptane	ND		2.0	0.70	ug/m3			01/20/26 11:29	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			01/20/26 11:29	1

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

Lab Sample ID: MB 650-8352/6
Matrix: Air
Analysis Batch: 8352

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			01/20/26 11:29	1
m,p-Xylenes	ND		4.3	1.4	ug/m3			01/20/26 11:29	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			01/20/26 11:29	1
Methylene Chloride	ND		3.5	1.1	ug/m3			01/20/26 11:29	1
Naphthalene	ND		5.2	0.89	ug/m3			01/20/26 11:29	1
o-Xylene	ND		2.2	0.74	ug/m3			01/20/26 11:29	1
Propylbenzene	ND		2.5	0.84	ug/m3			01/20/26 11:29	1
Styrene	ND		2.1	0.72	ug/m3			01/20/26 11:29	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			01/20/26 11:29	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			01/20/26 11:29	1
Toluene	ND		3.8	1.2	ug/m3			01/20/26 11:29	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			01/20/26 11:29	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			01/20/26 11:29	1
Trichloroethene	ND		2.7	0.91	ug/m3			01/20/26 11:29	1
Vinyl chloride	ND		1.3	0.43	ug/m3			01/20/26 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*		*01/20/26 11:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*01/20/26 11:29*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*01/20/26 11:29*	*1*

Lab Sample ID: LCS 650-8352/4
Matrix: Air
Analysis Batch: 8352

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	111		ug/m3		102	70 - 130
1,1,2,2-Tetrachloroethane	138	143		ug/m3		104	70 - 130
1,1,2-Trichloroethane	109	109		ug/m3		100	70 - 130
1,1-Dichloroethane	81.2	86.5		ug/m3		107	70 - 130
1,1-Dichloroethene	79.5	74.4		ug/m3		94	70 - 130
1,2,4-Trichlorobenzene	167	153		ug/m3		92	70 - 130
1,2,4-Trimethylbenzene	98.6	104		ug/m3		106	70 - 130
1,2-Dibromoethane (EDB)	154	153		ug/m3		99	70 - 130
1,2-Dichlorobenzene	121	137		ug/m3		113	70 - 130
1,2-Dichloroethane	81.2	74.3		ug/m3		92	70 - 130
1,2-Dichloropropane	92.7	80.0		ug/m3		86	70 - 130
1,3,5-Trimethylbenzene	98.6	102		ug/m3		104	70 - 130
1,3-Butadiene	44.4	41.5		ug/m3		94	70 - 130
1,3-Dichlorobenzene	121	139		ug/m3		115	70 - 130
1,4-Dichlorobenzene	121	126		ug/m3		105	70 - 130
1,4-Dioxane	72.3	65.7		ug/m3		91	70 - 130
2,2,4-Trimethylpentane	93.7	80.9		ug/m3		86	70 - 130
2-Butanone (MEK)	59.1	50.8		ug/m3		86	70 - 130
2-Hexanone	82.2	69.3		ug/m3		84	70 - 130
2-Propanol	49.3	44.3		ug/m3		90	70 - 130
3-Chloropropene	62.8	56.7		ug/m3		90	70 - 130
4-Ethyltoluene	98.6	115		ug/m3		116	70 - 130

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

Lab Sample ID: LCS 650-8352/4
Matrix: Air
Analysis Batch: 8352

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)	82.1	68.9		ug/m3		84	70 - 130
Acetone	47.6	41.5		ug/m3		87	70 - 130
alpha-Chlorotoluene	104	111		ug/m3		107	70 - 130
Benzene	64.1	60.0		ug/m3		94	70 - 130
Bromodichloromethane	134	137		ug/m3		102	70 - 130
Bromoform	207	236		ug/m3		114	70 - 130
Bromomethane	77.9	69.8		ug/m3		90	70 - 130
Carbon disulfide	62.4	54.1		ug/m3		87	70 - 130
Carbon tetrachloride	126	128		ug/m3		101	70 - 130
Chlorobenzene	92.3	79.6		ug/m3		86	70 - 130
Chloroethane	52.9	51.0		ug/m3		96	70 - 130
Chloroform	97.9	87.2		ug/m3		89	70 - 130
Chloromethane	41.4	43.9		ug/m3		106	70 - 130
cis-1,2-Dichloroethene	79.5	73.4		ug/m3		92	70 - 130
cis-1,3-Dichloropropene	91.0	92.4		ug/m3		101	70 - 130
Cumene	98.6	86.5		ug/m3		88	70 - 130
Cyclohexane	69.0	60.0		ug/m3		87	70 - 130
Dibromochloromethane	171	178		ug/m3		104	70 - 130
Ethanol	44.6	33.6		ug/m3		75	70 - 130
Ethylbenzene	87.1	77.4		ug/m3		89	70 - 130
Freon 11	113	110		ug/m3		98	70 - 130
Freon 113	154	160		ug/m3		104	70 - 130
Freon 12	99.2	97.2		ug/m3		98	70 - 130
Freon-114	140	134		ug/m3		96	70 - 130
Heptane	82.2	76.8		ug/m3		93	70 - 130
Hexachlorobutadiene	237	221		ug/m3		93	70 - 130
Hexane	70.7	64.7		ug/m3		92	70 - 130
m,p-Xylenes	87.1	78.0		ug/m3		90	70 - 130
Methyl tert-butyl ether	72.3	60.2		ug/m3		83	70 - 130
Methylene Chloride	69.6	61.9		ug/m3		89	70 - 130
Naphthalene	10.5	8.83		ug/m3		84	60 - 140
o-Xylene	87.1	75.5		ug/m3		87	70 - 130
Propylbenzene	98.6	109		ug/m3		110	70 - 130
Styrene	85.4	88.5		ug/m3		104	70 - 130
Tetrachloroethene	136	126		ug/m3		92	70 - 130
Tetrahydrofuran	59.1	51.0		ug/m3		86	70 - 130
Toluene	75.6	71.4		ug/m3		94	70 - 130
trans-1,2-Dichloroethene	79.5	73.4		ug/m3		92	70 - 130
trans-1,3-Dichloropropene	91.0	82.5		ug/m3		91	70 - 130
Trichloroethene	108	104		ug/m3		96	70 - 130
Vinyl chloride	51.3	48.7		ug/m3		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: LCSD 650-8352/5
Matrix: Air
Analysis Batch: 8352

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	112		ug/m3		102	70 - 130	0	25
1,1,2,2-Tetrachloroethane			138	143		ug/m3		104	70 - 130	0	25
1,1,2-Trichloroethane			109	110		ug/m3		100	70 - 130	0	25
1,1-Dichloroethane			81.2	86.9		ug/m3		107	70 - 130	0	25
1,1-Dichloroethene			79.5	78.8		ug/m3		99	70 - 130	6	25
1,2,4-Trichlorobenzene			167	155		ug/m3		93	70 - 130	2	25
1,2,4-Trimethylbenzene			98.6	105		ug/m3		107	70 - 130	1	25
1,2-Dibromoethane (EDB)			154	154		ug/m3		100	70 - 130	1	25
1,2-Dichlorobenzene			121	139		ug/m3		115	70 - 130	2	25
1,2-Dichloroethane			81.2	73.5		ug/m3		91	70 - 130	1	25
1,2-Dichloropropane			92.7	80.6		ug/m3		87	70 - 130	1	25
1,3,5-Trimethylbenzene			98.6	101		ug/m3		103	70 - 130	1	25
1,3-Butadiene			44.4	45.2		ug/m3		102	70 - 130	9	25
1,3-Dichlorobenzene			121	140		ug/m3		116	70 - 130	1	25
1,4-Dichlorobenzene			121	127		ug/m3		105	70 - 130	1	25
1,4-Dioxane			72.3	66.3		ug/m3		92	70 - 130	1	25
2,2,4-Trimethylpentane			93.7	84.0		ug/m3		90	70 - 130	4	25
2-Butanone (MEK)			59.1	51.8		ug/m3		88	70 - 130	2	25
2-Hexanone			82.2	69.8		ug/m3		85	70 - 130	1	25
2-Propanol			49.3	46.5		ug/m3		94	70 - 130	5	25
3-Chloropropene			62.8	59.6		ug/m3		95	70 - 130	5	25
4-Ethyltoluene			98.6	115		ug/m3		117	70 - 130	0	25
4-Methyl-2-pentanone (MIBK)			82.1	68.6		ug/m3		83	70 - 130	1	25
Acetone			47.6	42.5		ug/m3		89	70 - 130	2	25
alpha-Chlorotoluene			104	110		ug/m3		106	70 - 130	1	25
Benzene			64.1	59.7		ug/m3		93	70 - 130	1	25
Bromodichloromethane			134	138		ug/m3		103	70 - 130	1	25
Bromoform			207	239		ug/m3		115	70 - 130	1	25
Bromomethane			77.9	78.0		ug/m3		100	70 - 130	11	25
Carbon disulfide			62.4	57.0		ug/m3		91	70 - 130	5	25
Carbon tetrachloride			126	128		ug/m3		101	70 - 130	0	25
Chlorobenzene			92.3	80.0		ug/m3		87	70 - 130	0	25
Chloroethane			52.9	54.1		ug/m3		102	70 - 130	6	25
Chloroform			97.9	88.7		ug/m3		91	70 - 130	2	25
Chloromethane			41.4	43.2		ug/m3		104	70 - 130	2	25
cis-1,2-Dichloroethene			79.5	74.5		ug/m3		94	70 - 130	2	25
cis-1,3-Dichloropropene			91.0	92.5		ug/m3		102	70 - 130	0	25
Cumene			98.6	85.4		ug/m3		87	70 - 130	1	25
Cyclohexane			69.0	61.2		ug/m3		89	70 - 130	2	25
Dibromochloromethane			171	181		ug/m3		106	70 - 130	2	25
Ethanol			44.6	35.0		ug/m3		79	70 - 130	4	25
Ethylbenzene			87.1	78.3		ug/m3		90	70 - 130	1	25
Freon 11			113	118		ug/m3		105	70 - 130	7	25
Freon 113			154	166		ug/m3		108	70 - 130	4	25
Freon 12			99.2	107		ug/m3		108	70 - 130	10	25
Freon-114			140	151		ug/m3		108	70 - 130	12	25
Heptane			82.2	75.7		ug/m3		92	70 - 130	1	25
Hexachlorobutadiene			237	226		ug/m3		95	70 - 130	2	25

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

Lab Sample ID: LCSD 650-8352/5
Matrix: Air
Analysis Batch: 8352

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			70.7	65.5		ug/m3		93	70 - 130	1	25
m,p-Xylenes			87.1	78.4		ug/m3		90	70 - 130	0	25
Methyl tert-butyl ether			72.3	62.1		ug/m3		86	70 - 130	3	25
Methylene Chloride			69.6	63.4		ug/m3		91	70 - 130	2	25
Naphthalene			10.5	9.17		ug/m3		87	60 - 140	4	25
o-Xylene			87.1	76.1		ug/m3		87	70 - 130	1	25
Propylbenzene			98.6	108		ug/m3		110	70 - 130	0	25
Styrene			85.4	88.9		ug/m3		104	70 - 130	0	25
Tetrachloroethene			136	125		ug/m3		92	70 - 130	0	25
Tetrahydrofuran			59.1	51.0		ug/m3		86	70 - 130	0	25
Toluene			75.6	70.2		ug/m3		93	70 - 130	2	25
trans-1,2-Dichloroethene			79.5	75.4		ug/m3		95	70 - 130	3	25
trans-1,3-Dichloropropene			91.0	84.2		ug/m3		93	70 - 130	2	25
Trichloroethene			108	103		ug/m3		95	70 - 130	1	25
Vinyl chloride			51.3	53.0		ug/m3		103	70 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 650-7969/3
Matrix: Air
Analysis Batch: 7969

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			01/15/26 10:12	1

Lab Sample ID: LCS 650-7969/2
Matrix: Air
Analysis Batch: 7969

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane			9.82	9.81		% v/v		100	85 - 115		

Lab Sample ID: LCSD 650-7969/24
Matrix: Air
Analysis Batch: 7969

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			9.82	9.78		% v/v		100	85 - 115	0	25

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

Lab Sample ID: MB 650-7997/3
Matrix: Air
Analysis Batch: 7997

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			01/15/26 11:20	1

Lab Sample ID: LCS 650-7997/2
Matrix: Air
Analysis Batch: 7997

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane			9.82	9.73		% v/v		99	85 - 115		

Lab Sample ID: LCSD 650-7997/22
Matrix: Air
Analysis Batch: 7997

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			9.82	9.74		% v/v		99	85 - 115	0	25

QC Association Summary

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

Job ID: 650-3330-2
SDG: 65000581

Air - GC/MS VOA

Analysis Batch: 8233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-11	823-LFGP-1	Total/NA	Air	TO-15	
650-3330-12	823-LFGP-2	Total/NA	Air	TO-15	
650-3330-13	823-LFGP-3	Total/NA	Air	TO-15	
650-3330-14	823-LFGP-4	Total/NA	Air	TO-15	
650-3330-16	823-LFGP-6	Total/NA	Air	TO-15	
650-3330-17	823-LFGP-7	Total/NA	Air	TO-15	
MB 650-8233/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-8233/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-8233/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 8352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-18	823-LFGP-8	Total/NA	Air	TO-15	
650-3330-19	823-LFGP-9	Total/NA	Air	TO-15	
650-3330-20	823-LFGP-10	Total/NA	Air	TO-15	
650-3330-21	823-DUP-1	Total/NA	Air	TO-15	
MB 650-8352/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-8352/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-8352/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 8594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-15	823-LFGP-5	Total/NA	Air	TO15	
MB 650-8594/38	Method Blank	Total/NA	Air	TO15	
LCS 650-8594/3	Lab Control Sample	Total/NA	Air	TO15	
LCSD 650-8594/4	Lab Control Sample Dup	Total/NA	Air	TO15	

Air - GC VOA

Analysis Batch: 7969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-11	823-LFGP-1	Total/NA	Air	D1946	
650-3330-12	823-LFGP-2	Total/NA	Air	D1946	
650-3330-13	823-LFGP-3	Total/NA	Air	D1946	
650-3330-14	823-LFGP-4	Total/NA	Air	D1946	
650-3330-15	823-LFGP-5	Total/NA	Air	D1946	
650-3330-16	823-LFGP-6	Total/NA	Air	D1946	
650-3330-17	823-LFGP-7	Total/NA	Air	D1946	
650-3330-18	823-LFGP-8	Total/NA	Air	D1946	
650-3330-19	823-LFGP-9	Total/NA	Air	D1946	
650-3330-20	823-LFGP-10	Total/NA	Air	D1946	
MB 650-7969/3	Method Blank	Total/NA	Air	D1946	
LCS 650-7969/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-7969/24	Lab Control Sample Dup	Total/NA	Air	D1946	

Analysis Batch: 7997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-3330-21	823-DUP-1	Total/NA	Air	D1946	
MB 650-7997/3	Method Blank	Total/NA	Air	D1946	
LCS 650-7997/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-7997/22	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-1
Date Collected: 12/29/25 12:28
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-11
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.766	8233	MS	Air Toxics	01/19/26 20:15
Total/NA	Analysis	D1946		1.766	7969	EM	Air Toxics	01/15/26 15:51

Client Sample ID: 823-LFGP-2
Date Collected: 12/29/25 11:54
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-12
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.509	8233	MS	Air Toxics	01/19/26 20:43
Total/NA	Analysis	D1946		1.509	7969	EM	Air Toxics	01/15/26 16:15

Client Sample ID: 823-LFGP-3
Date Collected: 12/29/25 12:14
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-13
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.611	8233	MS	Air Toxics	01/19/26 21:10
Total/NA	Analysis	D1946		1.611	7969	EM	Air Toxics	01/15/26 16:38

Client Sample ID: 823-LFGP-4
Date Collected: 12/29/25 11:40
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-14
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.581	8233	MS	Air Toxics	01/19/26 21:37
Total/NA	Analysis	D1946		1.581	7969	EM	Air Toxics	01/15/26 17:03

Client Sample ID: 823-LFGP-5
Date Collected: 12/29/25 14:09
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-15
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO15		1.469	8594	EF	Air Toxics	01/22/26 20:59
Total/NA	Analysis	D1946		1.469	7969	EM	Air Toxics	01/15/26 17:27

Client Sample ID: 823-LFGP-6
Date Collected: 12/29/25 13:00
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-16
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	8233	MS	Air Toxics	01/19/26 22:04
Total/NA	Analysis	D1946		1.66	7969	EM	Air Toxics	01/15/26 18:09

Lab Chronicle

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

Job ID: 650-3330-2
SDG: 65000581

Client Sample ID: 823-LFGP-7
Date Collected: 12/29/25 13:46
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-17
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.482	8233	MS	Air Toxics	01/19/26 22:31
Total/NA	Analysis	D1946		1.482	7969	EM	Air Toxics	01/15/26 18:33

Client Sample ID: 823-LFGP-8
Date Collected: 12/29/25 14:54
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-18
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.392	8352	RT	Air Toxics	01/20/26 19:22
Total/NA	Analysis	D1946		1.392	7969	EM	Air Toxics	01/15/26 18:57

Client Sample ID: 823-LFGP-9
Date Collected: 12/29/25 15:22
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-19
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.551	8352	RT	Air Toxics	01/20/26 19:50
Total/NA	Analysis	D1946		1.551	7969	EM	Air Toxics	01/15/26 19:20

Client Sample ID: 823-LFGP-10
Date Collected: 12/29/25 14:59
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-20
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.537	8352	RT	Air Toxics	01/20/26 20:17
Total/NA	Analysis	D1946		1.537	7969	EM	Air Toxics	01/15/26 19:48

Client Sample ID: 823-DUP-1
Date Collected: 12/29/25 11:40
Date Received: 12/31/25 12:20

Lab Sample ID: 650-3330-21
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	8352	RT	Air Toxics	01/20/26 20:44
Total/NA	Analysis	D1946		1.676	7997	EM	Air Toxics	01/15/26 14:39

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
Project/Site: Durham Parks

Job ID: 650-3330-2
SDG: 65000581

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: 650-3330-2
SDG: 65000581

Method	Method Description	Protocol	Laboratory
TO15	Volatile Organic Compounds in Air, High Concentration (GC/MS)	EPA	Air Toxics
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: 650-3330-2
SDG: 65000581

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-3330-11	823-LFGP-1	Air	12/29/25 12:28	12/31/25 12:20	Air Canister (6-Liter) #6L4029
650-3330-12	823-LFGP-2	Air	12/29/25 11:54	12/31/25 12:20	Air Canister (6-Liter) #6L3402
650-3330-13	823-LFGP-3	Air	12/29/25 12:14	12/31/25 12:20	Air Canister (6-Liter) #6L1509
650-3330-14	823-LFGP-4	Air	12/29/25 11:40	12/31/25 12:20	Air Canister (6-Liter) #6L2015
650-3330-15	823-LFGP-5	Air	12/29/25 14:09	12/31/25 12:20	Air Canister (6-Liter) #6L3201
650-3330-16	823-LFGP-6	Air	12/29/25 13:00	12/31/25 12:20	Air Canister (6-Liter) #6L1541
650-3330-17	823-LFGP-7	Air	12/29/25 13:46	12/31/25 12:20	Air Canister (6-Liter) #6L3607
650-3330-18	823-LFGP-8	Air	12/29/25 14:54	12/31/25 12:20	Air Canister (6-Liter) #6L0397
650-3330-19	823-LFGP-9	Air	12/29/25 15:22	12/31/25 12:20	Air Canister (6-Liter) #6L1905
650-3330-20	823-LFGP-10	Air	12/29/25 14:59	12/31/25 12:20	Air Canister (6-Liter) #6L2920
650-3330-21	823-DUP-1	Air	12/29/25 11:40	12/31/25 12:20	Air Canister (6-Liter) #6L4161

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

650-3330-01 COC

Canister Samples Chain of Custody Record

eurofins | Environment Testing

1/28/2026

Client Contact Information	Client Project Manager: Whittaker, Brian	Samples Collected By: S&ME BME	COC No: 650-2092-437.1
Company Name: S&ME Inc	Phone: 916-605-3355		Page 1 of 2
Address: 3201 Spring Forest Road	Email: Brian.Whittaker@et.eurofinsus.com	State of origin: NC	
City/State/Zip: Raleigh NC, 27616			For Lab Use Only:
Phone: 919-872-2660	Site Contact: Jerry Paul	Samples received after 3:00PM PST are considered to be received on the following workday.	Walk-in Client:
Project Number: 65000581	Tel/Fax: 916-985-1000/		Lab Sampling:
Project Name: Durham Parks	Anaylsis Turnaround Time		Job / SDG No.:
Site/Location: East Durham	Standard (Specific): Standard		(See below for Add'l Items)
P O #: Purchase Order not required	Rush (Specifiy):		

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's 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	821 - LFGP - 9	12-30	1103	12-30	1201	30	2	24546	GL1981	X	X							
02A	821 - LFGP - 4		1115		1229	30	12	23935	GL4613	X	X							
03A	821 - LFGP - 2		1233		1335	30	10	23929	GL1606	X	X							
04A	821 - LFGP - 3		1110		1218	29	7	23735	GL3085	X	X							
05A	821 - LFGP - 1		1125		1225	29	6	26791	GL6662	X	X							
06A	821 - LFGP - 5		0951		1054	28	6	23642	GL3550	X	X							
07A	821 - DUP-1		0951		1054	26	6	25253	GL4056	X	X							
08A	821 - LFGP - 6		1003		1104	28	8	24252	GL3795	X	X							
09A	821 - LFGP - 7		1017		1119	26	7	23823	GL3613	X	X							
10A	821 - LFGP - 8		1032		1154	30	8	24895	GL3016	X	X							

Special Instructions/QC Requirements & Comments:

Samples Shipped by: FedEx	Date / Time:	Samples Received by:
Samples Relinquished by:	Date / Time: 12/30/25 1730	Received by: JLP EHT 12/31/25 0720
Relinquished by:	Date / Time:	Received by:

Lab Use Only: **Shipper Name:** FedEX **Custody Seals Intact?:** Yes No (None) **Condition:**

Ver: 10/10/2024

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

650-3330-02 COC

Canister Samples Chain of Custody Record

eurofins | Environment Testing

1/28/2026

| | | |

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-3330-2
SDG Number: 65000581

Login Number: 3330
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.	N/A	
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

EMSL Analytical, Inc.

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

EMSL Order ID: 012605114
LIMS Reference ID: AE05114
EMSL Customer ID: SMEI60

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

Project Name: City of Durham Parks - 23050630 All Parks
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/05/2026 11:20
Reported: 01/19/2026 16:32

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:**		**AE05114-01**	**Matrix: Tubes**				**Sampled: 12/19/25 13:06:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 15:56	PMx	NIOSH 6009
Sample: 822-LFGP-2/Lyon Park		**Lims Reference ID:**		**AE05114-02**	**Matrix: Tubes**				**Sampled: 12/19/25 11:45:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 15:59	PMx	NIOSH 6009
Sample: 822-LFGP-3/Lyon Park		**Lims Reference ID:**		**AE05114-03**	**Matrix: Tubes**				**Sampled: 12/19/25 13:03:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:01	PMx	NIOSH 6009
Sample: 822-LFGP-4/Lyon Park		**Lims Reference ID:**		**AE05114-04**	**Matrix: Tubes**				**Sampled: 12/19/25 11:40:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:04	PMx	NIOSH 6009
Sample: 822-LFGP-5/Lyon Park		**Lims Reference ID:**		**AE05114-05**	**Matrix: Tubes**				**Sampled: 12/19/25 11:38:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:06	PMx	NIOSH 6009
Sample: 822-LFGP-6/Lyon Park		**Lims Reference ID:**		**AE05114-06**	**Matrix: Tubes**				**Sampled: 12/22/25 11:55:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:09	PMx	NIOSH 6009
Sample: 822-LFGP-8/Lyon Park		**Lims Reference ID:**		**AE05114-08**	**Matrix: Tubes**				**Sampled: 12/22/25 12:26:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:19	PMx	NIOSH 6009
Sample: 822-LFGP-9/Lyon Park		**Lims Reference ID:**		**AE05114-09**	**Matrix: Tubes**				**Sampled: 12/22/25 12:40:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:22	PMx	NIOSH 6009
Sample: 822-LFGP-10/Lyon Park		**Lims Reference ID:**		**AE05114-10**	**Matrix: Tubes**				**Sampled: 12/22/25 11:30:00**
Metals									

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
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EMSL-CIN-01

EMSL Order ID: 012605114
LIMS Reference ID: AE05114
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
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jpaul@smeinc.com

Project Name: City of Durham Parks - 23050630 All Parks
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/05/2026 11:20
Reported: 01/19/2026 16:32

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 822-LFGP-10/Lyon Park (Continued)		**Lims Reference ID:**		**AE05114-10**	**Matrix: Tubes**				**Sampled: 12/22/25 11:30:00**
Metals (Continued)									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:24	PMx	NIOSH 6009
Sample: 822-DUP/Lyon Park		**Lims Reference ID:**		**AE05114-11**	**Matrix: Tubes**				**Sampled: 12/19/25 13:06:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:27	PMx	NIOSH 6009
Sample: 822-DUP-2/Lyon Park		**Lims Reference ID:**		**AE05114-12**	**Matrix: Tubes**				**Sampled: 12/22/25 11:55:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:29	PMx	NIOSH 6009
Sample: 824-LFGP-3/Walltown Park		**Lims Reference ID:**		**AE05114-13**	**Matrix: Tubes**				**Sampled: 12/18/25 11:12:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:32	PMx	NIOSH 6009
Sample: 824-LFGP-Dup/Walltown Park		**Lims Reference ID:**		**AE05114-14**	**Matrix: Tubes**				**Sampled: 12/18/25 11:12:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:34	PMx	NIOSH 6009
Sample: 824-LFGP-2/Walltown Park		**Lims Reference ID:**		**AE05114-15**	**Matrix: Tubes**				**Sampled: 12/18/25 11:15:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:37	PMx	NIOSH 6009
Sample: 824-LFGP-8/Walltown Park		**Lims Reference ID:**		**AE05114-16**	**Matrix: Tubes**				**Sampled: 12/18/25 11:30:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:39	PMx	NIOSH 6009
Sample: 824-LFGP-5		**Lims Reference ID:**		**AE05114-17**	**Matrix: Tubes**				**Sampled: 12/18/25 12:05:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:42	PMx	NIOSH 6009
Sample: 824-LFGP-9/Walltown Park		**Lims Reference ID:**		**AE05114-18**	**Matrix: Tubes**				**Sampled: 12/18/25 12:31:00**
Metals									

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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 824-LFGP-9/Walltown Park (Continued)			**Lims Reference ID:**	**AE05114-18**	**Matrix: Tubes**				**Sampled: 12/18/25 12:31:00**
Metals (Continued)									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:53	PMx	NIOSH 6009
Sample: 824-LFGP-1/Walltown Park			**Lims Reference ID:**	**AE05114-19**	**Matrix: Tubes**				**Sampled: 12/18/25 13:10:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/07/26 13:59	01/07/26 16:55	PMx	NIOSH 6009
Sample: 824-LFGP-4/Walltown Park			**Lims Reference ID:**	**AE05114-20**	**Matrix: Tubes**				**Sampled: 12/18/25 13:30:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:04	PMx	NIOSH 6009
Sample: 824-LFGP-7/Walltown Park			**Lims Reference ID:**	**AE05114-21**	**Matrix: Tubes**				**Sampled: 12/18/25 13:48:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:07	PMx	NIOSH 6009
Sample: 824-LFGP-6/Walltown Park			**Lims Reference ID:**	**AE05114-22**	**Matrix: Tubes**				**Sampled: 12/18/25 13:50:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:09	PMx	NIOSH 6009
Sample: 825-LFGP-5/Northgate Park			**Lims Reference ID:**	**AE05114-23**	**Matrix: Tubes**				**Sampled: 12/19/25 09:50:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:12	PMx	NIOSH 6009
Sample: 825-LFGP-Dup/Northgate Park			**Lims Reference ID:**	**AE05114-24**	**Matrix: Tubes**				**Sampled: 12/19/25 09:50:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:14	PMx	NIOSH 6009
Sample: 825-LFGP-2/Northgate Park			**Lims Reference ID:**	**AE05114-25**	**Matrix: Tubes**				**Sampled: 12/19/25 10:47:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:17	PMx	NIOSH 6009
Sample: 825-LFGP-4/Northgate Park			**Lims Reference ID:**	**AE05114-26**	**Matrix: Tubes**				**Sampled: 12/19/25 10:08:00**
Metals									

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Project Name: City of Durham Parks - 23050630 All Parks
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 825-LFGP-4/Northgate Park (Continued)		**Lims Reference ID:**		**AE05114-26**	**Matrix: Tubes**				**Sampled: 12/19/25 10:08:00**
Metals (Continued)									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:28	PMx	NIOSH 6009
Sample: 825-LFGP-3/Northgate Park		**Lims Reference ID:**		**AE05114-27**	**Matrix: Tubes**				**Sampled: 12/19/25 09:57:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:30	PMx	NIOSH 6009
Sample: 825-LFGP-1/Northgate Park		**Lims Reference ID:**		**AE05114-28**	**Matrix: Tubes**				**Sampled: 12/19/25 11:57:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:33	PMx	NIOSH 6009
Sample: 821-LFGP-2/E. Durham Park		**Lims Reference ID:**		**AE05114-29**	**Matrix: Tubes**				**Sampled: 12/30/25 11:32:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:35	PMx	NIOSH 6009
Sample: 821-LFGP-5/E. Durham Park		**Lims Reference ID:**		**AE05114-30**	**Matrix: Tubes**				**Sampled: 12/30/25 11:34:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:38	PMx	NIOSH 6009
Sample: 821-LFGP-Dup/E. Durham Park		**Lims Reference ID:**		**AE05114-31**	**Matrix: Tubes**				**Sampled: 12/30/25 11:34:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:40	PMx	NIOSH 6009
Sample: 821-LFGP-6/E. Durham Park		**Lims Reference ID:**		**AE05114-32**	**Matrix: Tubes**				**Sampled: 12/30/25 11:36:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:43	PMx	NIOSH 6009
Sample: 821-LFGP-7/E. Durham Park		**Lims Reference ID:**		**AE05114-33**	**Matrix: Tubes**				**Sampled: 12/30/25 11:37:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:45	PMx	NIOSH 6009
Sample: 821-LFGP-3/E. Durham Park		**Lims Reference ID:**		**AE05114-34**	**Matrix: Tubes**				**Sampled: 12/30/25 12:35:00**
Metals									

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Project Name: City of Durham Parks - 23050630 All Parks
Project ID: _Master Project-SMEI60
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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 821-LFGP-3/E. Durham Park (Continued)		**Lims Reference ID:**		**AE05114-34**	**Matrix: Tubes**				**Sampled: 12/30/25 12:35:00**
Metals (Continued)									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:48	PMx	NIOSH 6009
Sample: 821-LFGP-8/E. Durham Park		**Lims Reference ID:**		**AE05114-35**	**Matrix: Tubes**				**Sampled: 12/30/25 12:43:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 15:50	PMx	NIOSH 6009
Sample: 821-LFGP-4/E. Durham Park		**Lims Reference ID:**		**AE05114-36**	**Matrix: Tubes**				**Sampled: 12/30/25 12:48:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 16:01	PMx	NIOSH 6009
Sample: 821-LFGP-9/E. Durham Park		**Lims Reference ID:**		**AE05114-37**	**Matrix: Tubes**				**Sampled: 12/30/25 12:49:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/08/26 12:04	01/08/26 16:04	PMx	NIOSH 6009
Sample: 821-LFGP-1/East End Park		**Lims Reference ID:**		**AE05114-38**	**Matrix: Tubes**				**Sampled: 12/30/25 13:40:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:04	PMx	NIOSH 6009
Sample: 823-LFGP-2/East End Park		**Lims Reference ID:**		**AE05114-39**	**Matrix: Tubes**				**Sampled: 12/29/25 12:05:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:07	PMx	NIOSH 6009
Sample: 823-LFGP-3/East End Park		**Lims Reference ID:**		**AE05114-40**	**Matrix: Tubes**				**Sampled: 12/29/25 12:14:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:09	PMx	NIOSH 6009
Sample: 823-LFGP-1/East End Park		**Lims Reference ID:**		**AE05114-41**	**Matrix: Tubes**				**Sampled: 12/29/25 12:28:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:12	PMx	NIOSH 6009
Sample: 823-LFGP-6/East End Park		**Lims Reference ID:**		**AE05114-42**	**Matrix: Tubes**				**Sampled: 12/29/25 14:20:00**
Metals									

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Project Name: City of Durham Parks - 23050630 All Parks
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Customer PO:
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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 823-LFGP-6/East End Park (Continued)			**Lims Reference ID:**	**AE05114-42**	**Matrix: Tubes**				**Sampled: 12/29/25 14:20:00**
Metals (Continued)									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:14	PMx	NIOSH 6009
Sample: 823-LFGP-7/East End Park			**Lims Reference ID:**	**AE05114-43**	**Matrix: Tubes**				**Sampled: 12/29/25 14:25:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:17	PMx	NIOSH 6009
Sample: 823-LFGP-5/East End Park			**Lims Reference ID:**	**AE05114-44**	**Matrix: Tubes**				**Sampled: 12/29/25 14:30:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:27	PMx	NIOSH 6009
Sample: 823-LFGP-4/East End Park			**Lims Reference ID:**	**AE05114-45**	**Matrix: Tubes**				**Sampled: 12/29/25 11:40:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:30	PMx	NIOSH 6009
Sample: 823-LFGP-8/East End Park			**Lims Reference ID:**	**AE05114-46**	**Matrix: Tubes**				**Sampled: 12/29/25 15:34:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:33	PMx	NIOSH 6009
Sample: 823-LFGP-9/East End Park			**Lims Reference ID:**	**AE05114-47**	**Matrix: Tubes**				**Sampled: 12/29/25 15:33:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:35	PMx	NIOSH 6009
Sample: 823-LFGP-10/East End Park			**Lims Reference ID:**	**AE05114-48**	**Matrix: Tubes**				**Sampled: 12/29/25 12:05:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:38	PMx	NIOSH 6009
Sample: 823-LFGP-DUP-1/East End Park			**Lims Reference ID:**	**AE05114-49**	**Matrix: Tubes**				**Sampled: 12/29/25 12:05:00**
Metals									
Mercury	ND		1	0.67	µg/m³	01/09/26 10:33	01/09/26 14:40	PMx	NIOSH 6009

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Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	A2LA,AIHA LAP

List of Certifications

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

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

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Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

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TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AE05114

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

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

Customer Information

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

Billing Information

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

Project Name/No: City of Durham Parks - 23050630 ~~Lyon Park~~ * All Parks *
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: Brandon Guerrero
Sampled By Signature: BG
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-LF6P-1	Lyon Park	NIOSH 6009 - mercury	Sorbent Tube	0.25	1306	1406		☐ Area ☐ Personal	12-19-25	
822-LF6P-2					1145	1245		☐ Area ☐ Personal	12-19-25	
822-LF6P-3					1363	1403		☐ Area ☐ Personal	12-19-25	
822-LF6P-4					1140	1240		☐ Area ☐ Personal	12-19-25	
822-LF6P-5					1138	1238		☐ Area ☐ Personal	12-19-25	
822-LF6P-6					1155	1255		☐ Area ☐ Personal	12-22-25	
~~822-LF6P-7~~ BG								☐ Area ☐ Personal	~~12-22-25~~	Did not collect sample
822-LF6P-8					1226	1326		☐ Area ☐ Personal	12-22-25	

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)
NIOSH 6009 mercury - sorbent tube sampling

Method of Shipment: Fedex
Sample Condition Upon Receipt: 20.5°C

Relinquished by: BG Date/Time: 12/31 1335
Received by: Date/Time 1/5/26 @ 1120

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.

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AE05114

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-LFLP-9	Lyon Park	NIOSH 6009 - mercury	Sorbent Tube	0.25	1240	1340		☐ Area ☐ Personal	12-22-25	
822-LFLP-10					1130	1230		☐ Area ☐ Personal	12-22-25	
~~822-LFLP-DUP~~	822-DUP				1306	1406		☐ Area ☐ Personal	12-19-25	
822-DUP-2					1155	1255		☐ Area ☐ Personal	12-22-25	
824-LFGP-3	Walltown Partr				1112	1212		☐ Area ☐ Personal	12-18-25	
824-LFGP-DUP					1112	1212		☐ Area ☐ Personal		
824-LFGP-2					1115	1215		☐ Area ☐ Personal		
824-LFGP-5					1130	1230		☐ Area ☐ Personal		
824-LFGP-8					1205	1305		☐ Area ☐ Personal		
824-LFGP-9					1231	1331		☐ Area ☐ Personal		
824-LFGP-1					1310	1410		☐ Area ☐ Personal		
824-LFGP-4					1330	1430		☐ Area ☐ Personal		
824-LFGP-7					1348	1448		☐ Area ☐ Personal		
824-LFGP-6					1350	1450		☐ Area ☐ Personal		
825-LFGP-5	Northgate Partr				0950	1050		☐ Area ☐ Personal	12-19-25	
825-LFGP-DUP					0950	1050		☐ Area ☐ Personal	12-19-25	

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time
			1/5/26 1120
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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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
825-LFGP-2	Northgate Cont'd	NIOSH 6009 Mercury	Sorbent tube	0.25	1047	1147		☐ Area ☐ Personal	12-19-25	
825-LFGP-4					1008	1108		☐ Area ☐ Personal		
825-LFGP-3					0937	1057		☐ Area ☐ Personal		
825-LFGP-1					1157	1257		☐ Area ☐ Personal		
821-LFGP-2	E. Durham Partr				1132	1232		☐ Area ☐ Personal	12-30-25	
821-LFGP-5					1134	1234		☐ Area ☐ Personal		
821-LFGP-DUP					1134	1234		☐ Area ☐ Personal		
821-LFGP-6					1136	1236		☐ Area ☐ Personal		
821-LFGP-7					1137	1237		☐ Area ☐ Personal		
821-LFGP-3					1235	1335		☐ Area ☐ Personal		
821-LFGP-8					1243	1343		☐ Area ☐ Personal		
821-LFGP-4					1248	1348		☐ Area ☐ Personal		
821-LFGP-9					1249	1349		☐ Area ☐ Personal		
821-LFGP-1					1340	1440		☐ Area ☐ Personal		
823-LFGP-2	East End Partr				1205	1305		☐ Area ☐ Personal	12-29-25	
823-LFGP-3	/				1214	1314		☐ Area ☐ Personal	/	

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by: | Date/Time:

Relinquished by: | Date/Time:

Received by: | Date/Time 1/5/26 1120

Received by: | Date/Time

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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
823-LFGP-1	East End Pwtr Cont'd	NIOSH 6009	sorbent tube	0.25	1228	1328		☐ Area ☐ Personal	12-29-25	
823-LFGP-6					1420	1520		☐ Area ☐ Personal		
823-LFGP-7					1425	1525		☐ Area ☐ Personal		
823-LFGP-5					1430	1530		☐ Area ☐ Personal		
823-LFGP-4					1140	1240		☐ Area ☐ Personal		
823-LFGP-8					1534	1634		☐ Area ☐ Personal		
823-LFGP-9					1537	1633		☐ Area ☐ Personal		
823-LFGP-10					1535	1635		☐ Area ☐ Personal		
823-LFGP-DUP-1					1285	1385		☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time: 1/5/26 1120
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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EMSL Analytical, Inc.

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

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD46578-01	823-LFGP-3	Air	12/30/2025	12/31/2025
AD46578-02	823-LFGP-2	Air	12/30/2025	12/31/2025
AD46578-03	823-LFGP-1	Air	12/30/2025	12/31/2025
AD46578-04	823-LFGP-4	Air	12/30/2025	12/31/2025
AD46578-05	823-LFGP-DUP-01	Air	12/30/2025	12/31/2025
AD46578-06	823-LFGP-7	Air	12/30/2025	12/31/2025
AD46578-07	823-LFGP-6	Air	12/30/2025	12/31/2025
AD46578-08	823-LFGP-5	Air	12/30/2025	12/31/2025
AD46578-09	823-LFGP-8	Air	12/30/2025	12/31/2025
AD46578-10	823-LFGP-10	Air	12/30/2025	12/31/2025
AD46578-11	823-LFGP-9	Air	12/30/2025	12/31/2025

Owen McKenna Laboratory Manager or other approved signatory

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

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

EMSL Analytical, Inc.

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EMSL-CIN-01

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

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
AD46578-01	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-02	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-03	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-04	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-05	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-06	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-07	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-08	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-09	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-10	49-Hydrogen Sulfide by ASTM D5504	No Dilutions
AD46578-11	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.

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Reported: 01/15/2026 14:37

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: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-01
Customer Sample ID: 823-LFGP-3
Collected: 12/30/2025 14:25
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 12:14	BDL3319	R1753.D	823-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	12/31/25 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.

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EMSL-CIN-01

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
EMSL Customer ID: SMEI60

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3201 Spring Forest Road
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(919) 872-2660
jpaul@smeinc.com

Project Name: Durham Parks - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-02
Customer Sample ID: 823-LFGP-2
Collected: 12/30/2025 14:20
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 12:41	BDL3319	R1755.D	823-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	12/31/25 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

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2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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LIMS Reference ID: AD46578
EMSL Customer ID: SMEI60

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Project Name: Durham Parks - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-03
Customer Sample ID: 823-LFGP-1
Collected: 12/30/2025 14:15
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 12:55	BDL3319	R1756.D	823-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	12/31/25 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

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2 "Odor Threshholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989
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Method Reference

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REL=Recommended Exposure Limit NE= Not established

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

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-04
Customer Sample ID: 823-LFGP-4
Collected: 12/30/2025 14:40
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 13:09	BDL3319	R1757.D	823-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	12/31/25 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

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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: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-05
Customer Sample ID: 823-LFGP-DUP-01
Collected: 12/30/2025 00:00
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 13:22	BDL3319	R1758.D	823-LFGP-DUP-01	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	12/31/25 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

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EMSL Analytical, Inc.

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

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-06
Customer Sample ID: 823-LFGP-7
Collected: 12/30/2025 14:55
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 13:37	BDL3319	R1759.D	823-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	12/31/25 13:37	
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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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: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-07
Customer Sample ID: 823-LFGP-6
Collected: 12/30/2025 15:00
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 13:51	BDL3319	R1760.D	823-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	12/31/25 13:51	
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.

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

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-08
Customer Sample ID: 823-LFGP-5
Collected: 12/30/2025 15:15
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 14:05	BDL3319	R1761.D	823-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	12/31/25 14:05	
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
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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: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-09
Customer Sample ID: 823-LFGP-8
Collected: 12/30/2025 15:30
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 14:19	BDL3319	R1762.D	823-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	12/31/25 14:19	
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
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EMSL Analytical, Inc.

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

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-10
Customer Sample ID: 823-LFGP-10
Collected: 12/30/2025 15:35
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 14:33	BDL3319	R1763.D	823-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	12/31/25 14:33	
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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EMSL-CIN-01

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
EMSL Customer ID: SMEI60

Attention: Gerald Paul
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jpaul@smeinc.com

Project Name: Durham Parks - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

EMSL Sample ID: AD46578-11
Customer Sample ID: 823-LFGP-9
Collected: 12/30/2025 15:40
Received: 12/31/2025 09:40

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
12/31/25 15:15	BDL3319	R1766.D	823-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	12/31/25 15:15	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

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EMSL-CIN-01

EMSL Order ID: 012546578
LIMS Reference ID: AD46578
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 - East End Parks
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 12/31/2025 09:40
Reported: 01/15/2026 14:37

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.

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: A046578

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

RECEIVED EMSL CINNAMINSON, NJ 2025 DEC 31 A 9:11

Customer Information

Customer ID:
Company Name: S&ME
Contact Name: Gerald Paul
Street Address: 3201 Spring Forest Rd.
City, State, Zip: Raleigh, NC, 27616 Country: USA
Phone: 919-801-6482
Email(s) for Report: jpaul@smeinc.com

Billing Information

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

Project Name/No: Durham Parks - East End Park
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where sample 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
PWS ID:
State Reporting Required? ☐ Yes ☐ No

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

Sampled By Name: Brandon Governo
Sampled By Signature: BL
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:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
823-LFGP-3		☒	12/30/25 1425	A		X								Low level
823-LFGP-2		☒	1420	A		X								H_2S
823-LFGP-1		☒	1415	A		X								/
823-LFGP-4		☒	1440	A		X								

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

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

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

Relinquished by: BL Date/Time: 1700 12-30
Received by: E-FX Date/Time 12/31/25 0940

Relinquished by: Date/Time:
Received by: air tox Date/Time 12/31/25 1055

☐ 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.

EMSL ANALYTICAL, INC.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

AD46578

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

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
823-LFGP-DUP-01	☐	☒	12/30/25	A		X								low level
823-LFGP-7	☐	☒	1455	A		X								H_2S
823-LFGP-6	☐	☒	1500	A		X								
823-LFGP-5	☐	☒	1515	A		X								
823-LFGP-8	☐	☒	1530	A		X								
823-LFGP-10	☐	☒	1535	A		X								
823-LFGP-9	☐	☒	1540	A		X								
	☐	☐												
	☐	☐												

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2025 DEC 31 A 9:47

Method of Shipment: Fedex

Relinquished by: [signature]

Date/Time: 12-30 1700

Relinquished by:

Date/Time:

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Received by:

Date/Time

Received by:

Date/Time

Controlled Document - COC-07 Chemistry R16 07/14/2025

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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.

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: A046578

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

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Customer Information

Customer ID:
Company Name: S&ME
Contact Name: Gerald Paul
Street Address: 3201 Spring Forest Rd.
City, State, Zip: Raleigh, NC, 27616 Country: USA
Phone: 919-801-6482
Email(s) for Report: jpaul@smeinc.com

Billing Information

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

Project Name/No: Durham Parks - East End Park
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where sample 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
PWS ID:
State Reporting Required? ☐ Yes ☐ No

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

Sampled By Name: Brandon Governo
Sampled By Signature: BL
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:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
823-LFGP-3		☒	12/30/25 1425	A		X								Low level
823-LFGP-2		☒	1420	A		X								H_2S
823-LFGP-1		☒	1415	A		X								/
823-LFGP-4		☒	1440	A		X								

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

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

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

Relinquished by: BL Date/Time: 1700 12-30
Received by: E-FX Date/Time 12/31/25 0940

Relinquished by: Date/Time:
Received by: air tox Date/Time 12/31/25 1055

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EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety.

EMSL ANALYTICAL, INC.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

AD46578

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

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
823-LFGP-DUP-01	☐	☒	12/30/25	A		X								low level
823-LFGP-7	☐	☒	1455	A		X								H_2S
823-LFGP-6	☐	☒	1500	A		X								
823-LFGP-5	☐	☒	1515	A		X								
823-LFGP-8	☐	☒	1530	A		X								
823-LFGP-10	☐	☒	1535	A		X								
823-LFGP-9	☐	☒	1540	A		X								
	☐	☐												
	☐	☐												

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Method of Shipment: Fedex

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Date/Time: 12-30 1700

Relinquished by:

Date/Time:

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Received by:

Date/Time

Received by:

Date/Time

Controlled Document - COC-07 Chemistry R16 07/14/2025

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/15/2025 9:29:19 PM

JOB DESCRIPTION

East End Park

JOB NUMBER

752-39988-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End 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.
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
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.

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
752-39988-1

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

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

Receipt
The samples were received on 12/5/2025 2:20 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 3.4°C and 4.1°C.

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

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

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

General Chemistry
Method 353.2_Pres: The method blank for analytical batch 680-887632 contained NOx above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL).

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: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-1 — Lab Sample ID: 752-39988-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.16	J ^+	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	179		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.517	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Manganese	17.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.561	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0790	J B F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0790	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	4.79	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 752-39988-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	665		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.537	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	0.441	J ^+	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	192		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.37	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.75	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0570	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0570	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	9.94	F2 F1	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 752-39988-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	3.13	J	5.00	2.45	ug/L	1		6020B	Total Recoverable
Barium	218		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.390	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Chromium	14.1		5.00	3.69	ug/L	1		6020B	Total Recoverable
Cobalt	0.415	J ^+	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.12		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	20.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.05	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.04	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia	0.548		0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrite as N	0.0850	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.0660	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3 (Continued) — Lab Sample ID: 752-39988-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 752-39988-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.98		5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	805		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.460	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	1.11	J ^+	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	0.815	J ^+	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	2570		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.43	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	10.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia	5.46		1.25	0.500	mg/L	5		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0770	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0770	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	2.34	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 752-39988-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.387	J	1.00	0.330	ug/L	1		8260D	Total/NA
Barium	543		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.497	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	1.05	J ^+	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	158		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.21	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.15	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	20.0	B	2.00	0.200	mg/L	20		353.2-1993 R2.0	Total/NA
Nitrate as N	20.0		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	3.11	J	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 752-39988-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	11.1		1.00	0.220	ug/L	1		8260D	Total/NA
Phenol	1.22	J	7.26	0.494	ug/L	1		8270E	Total/NA
Arsenic	2.54	J ^+	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	1010		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.595	J	1.00	0.147	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-8 (Continued) — Lab Sample ID: 752-39988-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	1490		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.733	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0800	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0800	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	15.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 120525-Dup-1 — Lab Sample ID: 752-39988-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	11.9		1.00	0.220	ug/L	1		8260D	Total/NA
Phenol	2.88	J	7.16	0.487	ug/L	1		8270E	Total/NA
Arsenic	2.99	J ^+	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	1370		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.581	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cobalt	0.528	J ^+	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	2640		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.761	J ^+	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0510	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0510	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-39988-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-1
Date Collected: 12/05/25 09:30
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 16:00	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 16:00	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 16:00	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 16:00	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 16:00	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 16:00	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 16:00	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 16:00	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 16:00	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 16:00	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 16:00	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 16:00	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 16:00	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 16:00	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 16:00	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 16:00	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 16:00	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 16:00	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 16:00	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 16:00	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 16:00	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 16:00	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 16:00	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 16:00	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 16:00	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 16:00	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 16:00	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 16:00	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 16:00	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 16:00	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 16:00	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 16:00	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 16:00	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 16:00	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 16:00	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 16:00	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:00	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 16:00	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 16:00	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 16:00	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 16:00	1

Client Sample ID: MW-1
Date Collected: 12/05/25 09:30
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:00	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 16:00	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 16:00	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 16:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 16:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 16:00	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 16:00	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 16:00	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:00	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 16:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 16:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 16:00	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 16:00	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 16:00	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 16:00	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 16:00	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 16:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 16:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 16:00	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 16:00	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 16:00	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/12/25 16:00*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*12/12/25 16:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 146*		*12/12/25 16:00*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/12/25 16:00*	*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		0.281	0.281	ug/L		12/10/25 13:33	12/11/25 18:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 140*	*12/10/25 13:33*	*12/11/25 18:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		7.09	0.298	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,4,5-Trichlorophenol	ND		7.09	0.383	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,4,6-Trichlorophenol	ND		7.09	0.773	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,4-Dichlorophenol	ND		7.09	0.404	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,4-Dimethylphenol	ND		7.09	0.170	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,4-Dinitrophenol	ND		21.3	3.32	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,4-Dinitrotoluene	ND		7.09	0.461	ug/L		12/11/25 15:01	12/12/25 20:26	1
2,6-Dinitrotoluene	ND		7.09	0.206	ug/L		12/11/25 15:01	12/12/25 20:26	1
2-Chloronaphthalene	ND		7.09	0.270	ug/L		12/11/25 15:01	12/12/25 20:26	1
2-Chlorophenol	ND		7.09	0.596	ug/L		12/11/25 15:01	12/12/25 20:26	1
2-Methylnaphthalene	ND		7.09	0.574	ug/L		12/11/25 15:01	12/12/25 20:26	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-1
Date Collected: 12/05/25 09:30
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.09	0.539	ug/L		12/11/25 15:01	12/12/25 20:26	1
2-Nitroaniline	ND		7.09	0.972	ug/L		12/11/25 15:01	12/12/25 20:26	1
2-Nitrophenol	ND		7.09	0.830	ug/L		12/11/25 15:01	12/12/25 20:26	1
3 & 4 Methylphenol	ND		14.2	3.26	ug/L		12/11/25 15:01	12/12/25 20:26	1
3,3'-Dichlorobenzidine	ND		7.80	0.291	ug/L		12/11/25 15:01	12/12/25 20:26	1
3-Nitroaniline	ND		7.09	0.674	ug/L		12/11/25 15:01	12/12/25 20:26	1
4,6-Dinitro-2-methylphenol	ND		7.09	1.40	ug/L		12/11/25 15:01	12/12/25 20:26	1
4-Bromophenyl phenyl ether	ND		7.09	0.0922	ug/L		12/11/25 15:01	12/12/25 20:26	1
4-Chloro-3-methylphenol	ND		7.09	0.518	ug/L		12/11/25 15:01	12/12/25 20:26	1
4-Chloroaniline	ND		7.09	0.411	ug/L		12/11/25 15:01	12/12/25 20:26	1
4-Chlorophenyl phenyl ether	ND		7.09	0.170	ug/L		12/11/25 15:01	12/12/25 20:26	1
4-Nitroaniline	ND		7.09	2.48	ug/L		12/11/25 15:01	12/12/25 20:26	1
4-Nitrophenol	ND		7.09	1.94	ug/L		12/11/25 15:01	12/12/25 20:26	1
Acenaphthene	ND		7.09	0.447	ug/L		12/11/25 15:01	12/12/25 20:26	1
Acenaphthylene	ND		7.09	0.539	ug/L		12/11/25 15:01	12/12/25 20:26	1
Acetophenone	ND		7.09	2.27	ug/L		12/11/25 15:01	12/12/25 20:26	1
Anthracene	ND		7.09	0.645	ug/L		12/11/25 15:01	12/12/25 20:26	1
Atrazine	ND		7.09	0.801	ug/L		12/11/25 15:01	12/12/25 20:26	1
Benzaldehyde	ND		7.09	0.475	ug/L		12/11/25 15:01	12/12/25 20:26	1
Benzo[a]anthracene	ND		7.09	0.709	ug/L		12/11/25 15:01	12/12/25 20:26	1
Benzo[a]pyrene	ND		7.09	0.780	ug/L		12/11/25 15:01	12/12/25 20:26	1
Benzo[b]fluoranthene	ND		7.09	0.851	ug/L		12/11/25 15:01	12/12/25 20:26	1
Benzo[g,h,i]perylene	ND		7.09	1.06	ug/L		12/11/25 15:01	12/12/25 20:26	1
Benzo[k]fluoranthene	ND		7.09	1.06	ug/L		12/11/25 15:01	12/12/25 20:26	1
bis (2-chloroisopropyl) ether	ND		7.09	0.660	ug/L		12/11/25 15:01	12/12/25 20:26	1
Bis(2-chloroethoxy)methane	ND		7.09	0.241	ug/L		12/11/25 15:01	12/12/25 20:26	1
Bis(2-chloroethyl)ether	ND		7.09	0.518	ug/L		12/11/25 15:01	12/12/25 20:26	1
Bis(2-ethylhexyl) phthalate	ND		7.09	2.84	ug/L		12/11/25 15:01	12/12/25 20:26	1
Butyl benzyl phthalate	ND		7.09	2.84	ug/L		12/11/25 15:01	12/12/25 20:26	1
Caprolactam	ND		7.09	1.70	ug/L		12/11/25 15:01	12/12/25 20:26	1
Carbazole	ND		7.09	0.227	ug/L		12/11/25 15:01	12/12/25 20:26	1
Chrysene	ND		7.09	0.851	ug/L		12/11/25 15:01	12/12/25 20:26	1
Dibenz(a,h)anthracene	ND		7.09	0.922	ug/L		12/11/25 15:01	12/12/25 20:26	1
Dibenzofuran	ND		7.09	0.454	ug/L		12/11/25 15:01	12/12/25 20:26	1
Diethyl phthalate	ND		7.09	2.84	ug/L		12/11/25 15:01	12/12/25 20:26	1
Dimethyl phthalate	ND		7.09	2.84	ug/L		12/11/25 15:01	12/12/25 20:26	1
Di-n-butyl phthalate	ND		7.09	5.81	ug/L		12/11/25 15:01	12/12/25 20:26	1
Di-n-octyl phthalate	ND		7.09	2.84	ug/L		12/11/25 15:01	12/12/25 20:26	1
Fluoranthene	ND		7.09	0.447	ug/L		12/11/25 15:01	12/12/25 20:26	1
Fluorene	ND		7.09	0.475	ug/L		12/11/25 15:01	12/12/25 20:26	1
Hexachlorobenzene	ND		7.09	0.177	ug/L		12/11/25 15:01	12/12/25 20:26	1
Hexachlorobutadiene	ND		7.09	0.390	ug/L		12/11/25 15:01	12/12/25 20:26	1
Hexachlorocyclopentadiene	ND		14.2	0.227	ug/L		12/11/25 15:01	12/12/25 20:26	1
Hexachloroethane	ND		7.09	0.376	ug/L		12/11/25 15:01	12/12/25 20:26	1
Indeno[1,2,3-cd]pyrene	ND		7.09	0.780	ug/L		12/11/25 15:01	12/12/25 20:26	1
Isophorone	ND		7.09	0.567	ug/L		12/11/25 15:01	12/12/25 20:26	1
Naphthalene	ND		7.09	0.532	ug/L		12/11/25 15:01	12/12/25 20:26	1
Nitrobenzene	ND		7.09	0.426	ug/L		12/11/25 15:01	12/12/25 20:26	1
N-Nitrosodi-n-propylamine	ND		7.09	0.234	ug/L		12/11/25 15:01	12/12/25 20:26	1

Client Sample ID: MW-1
Date Collected: 12/05/25 09:30
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.09	0.135	ug/L		12/11/25 15:01	12/12/25 20:26	1
Pentachlorophenol	ND		7.09	1.99	ug/L		12/11/25 15:01	12/12/25 20:26	1
Phenanthrene	ND		7.09	0.525	ug/L		12/11/25 15:01	12/12/25 20:26	1
Phenol	ND		7.09	0.482	ug/L		12/11/25 15:01	12/12/25 20:26	1
Pyrene	ND		7.09	0.447	ug/L		12/11/25 15:01	12/12/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*12/11/25 15:01*	*12/12/25 20:26*	*1*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*	*12/11/25 15:01*	*12/12/25 20:26*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 150*	*12/11/25 15:01*	*12/12/25 20:26*	*1*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*	*12/11/25 15:01*	*12/12/25 20:26*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*12/11/25 15:01*	*12/12/25 20:26*	*1*
Terphenyl-d14 (Surr)	*65*		*28 - 150*	*12/11/25 15:01*	*12/12/25 20:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:02	1
Arsenic	**2.16**	**J ^+**	5.00	1.32	ug/L		12/09/25 16:25	12/11/25 04:02	1
Barium	**179**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:02	1
Beryllium	**0.517**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:02	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:02	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:02	1
Cobalt	ND	^+	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:02	1
Copper	ND	^+	2.00	0.642	ug/L		12/09/25 16:25	12/11/25 04:02	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:02	1
Manganese	**17.7**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:02	1
Nickel	**0.561**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:02	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:07	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:02	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:02	1
Vanadium	ND		5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:02	1
Zinc	ND	^+	10.0	8.91	ug/L		12/09/25 16:25	12/11/25 04:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND	F1	0.250	0.100	mg/L			12/10/25 15:17	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 15:43	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0790**	**J B F1**	0.100	0.0100	mg/L			12/12/25 14:00	1
Nitrate as N (SM Nitrate by calc)	**0.0790**	**J**	0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	**4.79**	**J**	5.00	1.40	mg/L			12/12/25 16:27	1

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

Client Sample ID: MW-2
Lab Sample ID: 752-39988-2
Date Collected: 12/05/25 10:15
Matrix: Water
Date Received: 12/05/25 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 16:20	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 16:20	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 16:20	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 16:20	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 16:20	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 16:20	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 16:20	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 16:20	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 16:20	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 16:20	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 16:20	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 16:20	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 16:20	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 16:20	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 16:20	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 16:20	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 16:20	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 16:20	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 16:20	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 16:20	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 16:20	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 16:20	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 16:20	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 16:20	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 16:20	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 16:20	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 16:20	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 16:20	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 16:20	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 16:20	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 16:20	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 16:20	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 16:20	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 16:20	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 16:20	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 16:20	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:20	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 16:20	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 16:20	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 16:20	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 16:20	1

Client Sample ID: MW-2
Date Collected: 12/05/25 10:15
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:20	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 16:20	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 16:20	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 16:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 16:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 16:20	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 16:20	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 16:20	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:20	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 16:20	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 16:20	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 16:20	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 16:20	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 16:20	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 16:20	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 16:20	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 16:20	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 16:20	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 16:20	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 16:20	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 16:20	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*12/12/25 16:20*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*12/12/25 16:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*12/12/25 16:20*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/12/25 16:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.277	0.277	ug/L		12/10/25 13:33	12/11/25 19:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 140*	*12/10/25 13:33*	*12/11/25 19:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		7.16	0.301	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,4,5-Trichlorophenol	ND		7.16	0.387	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,4,6-Trichlorophenol	ND		7.16	0.780	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,4-Dichlorophenol	ND		7.16	0.408	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,4-Dimethylphenol	ND		7.16	0.172	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,4-Dinitrophenol	ND		21.5	3.35	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,4-Dinitrotoluene	ND		7.16	0.465	ug/L		12/11/25 15:01	12/12/25 20:58	1
2,6-Dinitrotoluene	ND		7.16	0.208	ug/L		12/11/25 15:01	12/12/25 20:58	1
2-Chloronaphthalene	ND		7.16	0.272	ug/L		12/11/25 15:01	12/12/25 20:58	1
2-Chlorophenol	ND		7.16	0.601	ug/L		12/11/25 15:01	12/12/25 20:58	1
2-Methylnaphthalene	ND		7.16	0.580	ug/L		12/11/25 15:01	12/12/25 20:58	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-2
Date Collected: 12/05/25 10:15
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.16	0.544	ug/L		12/11/25 15:01	12/12/25 20:58	1
2-Nitroaniline	ND		7.16	0.981	ug/L		12/11/25 15:01	12/12/25 20:58	1
2-Nitrophenol	ND		7.16	0.838	ug/L		12/11/25 15:01	12/12/25 20:58	1
3 & 4 Methylphenol	ND		14.3	3.29	ug/L		12/11/25 15:01	12/12/25 20:58	1
3,3'-Dichlorobenzidine	ND		7.88	0.294	ug/L		12/11/25 15:01	12/12/25 20:58	1
3-Nitroaniline	ND		7.16	0.680	ug/L		12/11/25 15:01	12/12/25 20:58	1
4,6-Dinitro-2-methylphenol	ND		7.16	1.41	ug/L		12/11/25 15:01	12/12/25 20:58	1
4-Bromophenyl phenyl ether	ND		7.16	0.0931	ug/L		12/11/25 15:01	12/12/25 20:58	1
4-Chloro-3-methylphenol	ND		7.16	0.523	ug/L		12/11/25 15:01	12/12/25 20:58	1
4-Chloroaniline	ND		7.16	0.415	ug/L		12/11/25 15:01	12/12/25 20:58	1
4-Chlorophenyl phenyl ether	ND		7.16	0.172	ug/L		12/11/25 15:01	12/12/25 20:58	1
4-Nitroaniline	ND		7.16	2.51	ug/L		12/11/25 15:01	12/12/25 20:58	1
4-Nitrophenol	ND		7.16	1.96	ug/L		12/11/25 15:01	12/12/25 20:58	1
Acenaphthene	ND		7.16	0.451	ug/L		12/11/25 15:01	12/12/25 20:58	1
Acenaphthylene	ND		7.16	0.544	ug/L		12/11/25 15:01	12/12/25 20:58	1
Acetophenone	ND		7.16	2.29	ug/L		12/11/25 15:01	12/12/25 20:58	1
Anthracene	ND		7.16	0.652	ug/L		12/11/25 15:01	12/12/25 20:58	1
Atrazine	ND		7.16	0.809	ug/L		12/11/25 15:01	12/12/25 20:58	1
Benzaldehyde	ND		7.16	0.480	ug/L		12/11/25 15:01	12/12/25 20:58	1
Benzo[a]anthracene	ND		7.16	0.716	ug/L		12/11/25 15:01	12/12/25 20:58	1
Benzo[a]pyrene	ND		7.16	0.788	ug/L		12/11/25 15:01	12/12/25 20:58	1
Benzo[b]fluoranthene	ND		7.16	0.859	ug/L		12/11/25 15:01	12/12/25 20:58	1
Benzo[g,h,i]perylene	ND		7.16	1.07	ug/L		12/11/25 15:01	12/12/25 20:58	1
Benzo[k]fluoranthene	ND		7.16	1.07	ug/L		12/11/25 15:01	12/12/25 20:58	1
bis (2-chloroisopropyl) ether	ND		7.16	0.666	ug/L		12/11/25 15:01	12/12/25 20:58	1
Bis(2-chloroethoxy)methane	ND		7.16	0.243	ug/L		12/11/25 15:01	12/12/25 20:58	1
Bis(2-chloroethyl)ether	ND		7.16	0.523	ug/L		12/11/25 15:01	12/12/25 20:58	1
Bis(2-ethylhexyl) phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 20:58	1
Butyl benzyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 20:58	1
Caprolactam	ND		7.16	1.72	ug/L		12/11/25 15:01	12/12/25 20:58	1
Carbazole	ND		7.16	0.229	ug/L		12/11/25 15:01	12/12/25 20:58	1
Chrysene	ND		7.16	0.859	ug/L		12/11/25 15:01	12/12/25 20:58	1
Dibenz(a,h)anthracene	ND		7.16	0.931	ug/L		12/11/25 15:01	12/12/25 20:58	1
Dibenzofuran	ND		7.16	0.458	ug/L		12/11/25 15:01	12/12/25 20:58	1
Diethyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 20:58	1
Dimethyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 20:58	1
Di-n-butyl phthalate	ND		7.16	5.86	ug/L		12/11/25 15:01	12/12/25 20:58	1
Di-n-octyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 20:58	1
Fluoranthene	ND		7.16	0.451	ug/L		12/11/25 15:01	12/12/25 20:58	1
Fluorene	ND		7.16	0.480	ug/L		12/11/25 15:01	12/12/25 20:58	1
Hexachlorobenzene	ND		7.16	0.179	ug/L		12/11/25 15:01	12/12/25 20:58	1
Hexachlorobutadiene	ND		7.16	0.394	ug/L		12/11/25 15:01	12/12/25 20:58	1
Hexachlorocyclopentadiene	ND		14.3	0.229	ug/L		12/11/25 15:01	12/12/25 20:58	1
Hexachloroethane	ND		7.16	0.379	ug/L		12/11/25 15:01	12/12/25 20:58	1
Indeno[1,2,3-cd]pyrene	ND		7.16	0.788	ug/L		12/11/25 15:01	12/12/25 20:58	1
Isophorone	ND		7.16	0.573	ug/L		12/11/25 15:01	12/12/25 20:58	1
Naphthalene	ND		7.16	0.537	ug/L		12/11/25 15:01	12/12/25 20:58	1
Nitrobenzene	ND		7.16	0.430	ug/L		12/11/25 15:01	12/12/25 20:58	1
N-Nitrosodi-n-propylamine	ND		7.16	0.236	ug/L		12/11/25 15:01	12/12/25 20:58	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-2

Date Collected: 12/05/25 10:15
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.16	0.136	ug/L		12/11/25 15:01	12/12/25 20:58	1
Pentachlorophenol	ND		7.16	2.00	ug/L		12/11/25 15:01	12/12/25 20:58	1
Phenanthrene	ND		7.16	0.530	ug/L		12/11/25 15:01	12/12/25 20:58	1
Phenol	ND		7.16	0.487	ug/L		12/11/25 15:01	12/12/25 20:58	1
Pyrene	ND		7.16	0.451	ug/L		12/11/25 15:01	12/12/25 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*	*12/11/25 15:01*	*12/12/25 20:58*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*12/11/25 15:01*	*12/12/25 20:58*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 150*	*12/11/25 15:01*	*12/12/25 20:58*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*12/11/25 15:01*	*12/12/25 20:58*	*1*
Phenol-d5 (Surr)	*79*		*10 - 150*	*12/11/25 15:01*	*12/12/25 20:58*	*1*
Terphenyl-d14 (Surr)	*56*		*28 - 150*	*12/11/25 15:01*	*12/12/25 20:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:05	1
Arsenic	ND	^+	5.00	1.32	ug/L		12/09/25 16:25	12/11/25 04:05	1
Barium	**665**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:05	1
Beryllium	**0.537**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:05	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:05	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:05	1
Cobalt	**0.441**	**J ^+**	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:05	1
Copper	ND	^+	2.00	0.642	ug/L		12/09/25 16:25	12/11/25 04:05	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:05	1
Manganese	**192**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:05	1
Nickel	**2.37**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:05	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:10	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:05	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:05	1
Vanadium	**2.75**	**J**	5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:05	1
Zinc	ND	^+	10.0	8.91	ug/L		12/09/25 16:25	12/11/25 04:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 11:43	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 15:44	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0570**	**J B**	0.100	0.0100	mg/L			12/12/25 14:05	1
Nitrate as N (SM Nitrate by calc)	**0.0570**	**J**	0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	**9.94**	**F2 F1**	5.00	1.40	mg/L			12/12/25 16:29	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-3
Date Collected: 12/05/25 11:35
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 16:41	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 16:41	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 16:41	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 16:41	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 16:41	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 16:41	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 16:41	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 16:41	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 16:41	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 16:41	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 16:41	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 16:41	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 16:41	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 16:41	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 16:41	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 16:41	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 16:41	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 16:41	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 16:41	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 16:41	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 16:41	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 16:41	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 16:41	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 16:41	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 16:41	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 16:41	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 16:41	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 16:41	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 16:41	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 16:41	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 16:41	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 16:41	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 16:41	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 16:41	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 16:41	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 16:41	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:41	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 16:41	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 16:41	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 16:41	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 16:41	1

Client Sample ID: MW-3
Date Collected: 12/05/25 11:35
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 16:41	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 16:41	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 16:41	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 16:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 16:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 16:41	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 16:41	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 16:41	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 16:41	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 16:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 16:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 16:41	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 16:41	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 16:41	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 16:41	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 16:41	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 16:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 16:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 16:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 16:41	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 16:41	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 16:41	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/12/25 16:41*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*12/12/25 16:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*12/12/25 16:41*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/12/25 16:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.277	0.277	ug/L		12/10/25 13:33	12/11/25 19:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 140*	*12/10/25 13:33*	*12/11/25 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		7.21	0.303	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,4,5-Trichlorophenol	ND		7.21	0.389	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,4,6-Trichlorophenol	ND		7.21	0.786	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,4-Dichlorophenol	ND		7.21	0.411	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,4-Dimethylphenol	ND		7.21	0.173	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,4-Dinitrophenol	ND		21.6	3.38	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,4-Dinitrotoluene	ND		7.21	0.469	ug/L		12/11/25 15:01	12/12/25 21:31	1
2,6-Dinitrotoluene	ND		7.21	0.209	ug/L		12/11/25 15:01	12/12/25 21:31	1
2-Chloronaphthalene	ND		7.21	0.274	ug/L		12/11/25 15:01	12/12/25 21:31	1
2-Chlorophenol	ND		7.21	0.606	ug/L		12/11/25 15:01	12/12/25 21:31	1
2-Methylnaphthalene	ND		7.21	0.584	ug/L		12/11/25 15:01	12/12/25 21:31	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-3
Date Collected: 12/05/25 11:35
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.21	0.548	ug/L		12/11/25 15:01	12/12/25 21:31	1
2-Nitroaniline	ND		7.21	0.988	ug/L		12/11/25 15:01	12/12/25 21:31	1
2-Nitrophenol	ND		7.21	0.844	ug/L		12/11/25 15:01	12/12/25 21:31	1
3 & 4 Methylphenol	ND		14.4	3.32	ug/L		12/11/25 15:01	12/12/25 21:31	1
3,3'-Dichlorobenzidine	ND		7.93	0.296	ug/L		12/11/25 15:01	12/12/25 21:31	1
3-Nitroaniline	ND		7.21	0.685	ug/L		12/11/25 15:01	12/12/25 21:31	1
4,6-Dinitro-2-methylphenol	ND		7.21	1.42	ug/L		12/11/25 15:01	12/12/25 21:31	1
4-Bromophenyl phenyl ether	ND		7.21	0.0938	ug/L		12/11/25 15:01	12/12/25 21:31	1
4-Chloro-3-methylphenol	ND		7.21	0.526	ug/L		12/11/25 15:01	12/12/25 21:31	1
4-Chloroaniline	ND		7.21	0.418	ug/L		12/11/25 15:01	12/12/25 21:31	1
4-Chlorophenyl phenyl ether	ND		7.21	0.173	ug/L		12/11/25 15:01	12/12/25 21:31	1
4-Nitroaniline	ND		7.21	2.52	ug/L		12/11/25 15:01	12/12/25 21:31	1
4-Nitrophenol	ND		7.21	1.98	ug/L		12/11/25 15:01	12/12/25 21:31	1
Acenaphthene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 21:31	1
Acenaphthylene	ND		7.21	0.548	ug/L		12/11/25 15:01	12/12/25 21:31	1
Acetophenone	ND		7.21	2.31	ug/L		12/11/25 15:01	12/12/25 21:31	1
Anthracene	ND		7.21	0.656	ug/L		12/11/25 15:01	12/12/25 21:31	1
Atrazine	ND		7.21	0.815	ug/L		12/11/25 15:01	12/12/25 21:31	1
Benzaldehyde	ND		7.21	0.483	ug/L		12/11/25 15:01	12/12/25 21:31	1
Benzo[a]anthracene	ND		7.21	0.721	ug/L		12/11/25 15:01	12/12/25 21:31	1
Benzo[a]pyrene	ND		7.21	0.793	ug/L		12/11/25 15:01	12/12/25 21:31	1
Benzo[b]fluoranthene	ND		7.21	0.865	ug/L		12/11/25 15:01	12/12/25 21:31	1
Benzo[g,h,i]perylene	ND		7.21	1.08	ug/L		12/11/25 15:01	12/12/25 21:31	1
Benzo[k]fluoranthene	ND		7.21	1.08	ug/L		12/11/25 15:01	12/12/25 21:31	1
bis (2-chloroisopropyl) ether	ND		7.21	0.671	ug/L		12/11/25 15:01	12/12/25 21:31	1
Bis(2-chloroethoxy)methane	ND		7.21	0.245	ug/L		12/11/25 15:01	12/12/25 21:31	1
Bis(2-chloroethyl)ether	ND		7.21	0.526	ug/L		12/11/25 15:01	12/12/25 21:31	1
Bis(2-ethylhexyl) phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 21:31	1
Butyl benzyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 21:31	1
Caprolactam	ND		7.21	1.73	ug/L		12/11/25 15:01	12/12/25 21:31	1
Carbazole	ND		7.21	0.231	ug/L		12/11/25 15:01	12/12/25 21:31	1
Chrysene	ND		7.21	0.865	ug/L		12/11/25 15:01	12/12/25 21:31	1
Dibenz(a,h)anthracene	ND		7.21	0.938	ug/L		12/11/25 15:01	12/12/25 21:31	1
Dibenzofuran	ND		7.21	0.462	ug/L		12/11/25 15:01	12/12/25 21:31	1
Diethyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 21:31	1
Dimethyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 21:31	1
Di-n-butyl phthalate	ND		7.21	5.91	ug/L		12/11/25 15:01	12/12/25 21:31	1
Di-n-octyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 21:31	1
Fluoranthene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 21:31	1
Fluorene	ND		7.21	0.483	ug/L		12/11/25 15:01	12/12/25 21:31	1
Hexachlorobenzene	ND		7.21	0.180	ug/L		12/11/25 15:01	12/12/25 21:31	1
Hexachlorobutadiene	ND		7.21	0.397	ug/L		12/11/25 15:01	12/12/25 21:31	1
Hexachlorocyclopentadiene	ND		14.4	0.231	ug/L		12/11/25 15:01	12/12/25 21:31	1
Hexachloroethane	ND		7.21	0.382	ug/L		12/11/25 15:01	12/12/25 21:31	1
Indeno[1,2,3-cd]pyrene	ND		7.21	0.793	ug/L		12/11/25 15:01	12/12/25 21:31	1
Isophorone	ND		7.21	0.577	ug/L		12/11/25 15:01	12/12/25 21:31	1
Naphthalene	ND		7.21	0.541	ug/L		12/11/25 15:01	12/12/25 21:31	1
Nitrobenzene	ND		7.21	0.433	ug/L		12/11/25 15:01	12/12/25 21:31	1
N-Nitrosodi-n-propylamine	ND		7.21	0.238	ug/L		12/11/25 15:01	12/12/25 21:31	1

Client Sample ID: MW-3
Date Collected: 12/05/25 11:35
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.21	0.137	ug/L		12/11/25 15:01	12/12/25 21:31	1
Pentachlorophenol	ND		7.21	2.02	ug/L		12/11/25 15:01	12/12/25 21:31	1
Phenanthrene	ND		7.21	0.534	ug/L		12/11/25 15:01	12/12/25 21:31	1
Phenol	ND		7.21	0.490	ug/L		12/11/25 15:01	12/12/25 21:31	1
Pyrene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 150*	*12/11/25 15:01*	*12/12/25 21:31*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*12/11/25 15:01*	*12/12/25 21:31*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 150*	*12/11/25 15:01*	*12/12/25 21:31*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*12/11/25 15:01*	*12/12/25 21:31*	*1*
Phenol-d5 (Surr)	*77*		*10 - 150*	*12/11/25 15:01*	*12/12/25 21:31*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*12/11/25 15:01*	*12/12/25 21:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**3.13**	**J**	5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:07	1
Arsenic	ND	^+	5.00	1.32	ug/L		12/09/25 16:25	12/11/25 04:07	1
Barium	**218**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:07	1
Beryllium	**0.390**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:07	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:07	1
Chromium	**14.1**		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:07	1
Cobalt	**0.415**	**J ^+**	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:07	1
Copper	**3.12**		2.00	0.642	ug/L		12/09/25 16:25	12/11/25 22:12	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:07	1
Manganese	**20.5**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:07	1
Nickel	**1.05**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:07	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:12	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:07	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:07	1
Vanadium	**3.04**	**J**	5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:07	1
Zinc	ND	^+	10.0	8.91	ug/L		12/09/25 16:25	12/11/25 04:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**0.548**		0.250	0.100	mg/L			12/10/25 11:45	1
Nitrite as N (EPA 353.2)	**0.0850**	**J**	0.100	0.0168	mg/L			12/05/25 15:44	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0660**	**J B**	0.100	0.0100	mg/L			12/12/25 14:06	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	**11.6**		5.00	1.40	mg/L			12/12/25 16:31	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-6
Date Collected: 12/05/25 12:55
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 17:02	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 17:02	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 17:02	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 17:02	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 17:02	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 17:02	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 17:02	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 17:02	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 17:02	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 17:02	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 17:02	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 17:02	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 17:02	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 17:02	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 17:02	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 17:02	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 17:02	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 17:02	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 17:02	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 17:02	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 17:02	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 17:02	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 17:02	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 17:02	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 17:02	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 17:02	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 17:02	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 17:02	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 17:02	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 17:02	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 17:02	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 17:02	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 17:02	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 17:02	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 17:02	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 17:02	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:02	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 17:02	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 17:02	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 17:02	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 17:02	1

Client Sample ID: MW-6
Date Collected: 12/05/25 12:55
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:02	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 17:02	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 17:02	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 17:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 17:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 17:02	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 17:02	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 17:02	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:02	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 17:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 17:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 17:02	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 17:02	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 17:02	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 17:02	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 17:02	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 17:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 17:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 17:02	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 17:02	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 17:02	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*12/12/25 17:02*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*12/12/25 17:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*12/12/25 17:02*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/12/25 17:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.279	0.279	ug/L		12/10/25 13:33	12/11/25 20:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 140*	*12/10/25 13:33*	*12/11/25 20:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		7.21	0.303	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,4,5-Trichlorophenol	ND		7.21	0.389	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,4,6-Trichlorophenol	ND		7.21	0.786	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,4-Dichlorophenol	ND		7.21	0.411	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,4-Dimethylphenol	ND		7.21	0.173	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,4-Dinitrophenol	ND		21.6	3.38	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,4-Dinitrotoluene	ND		7.21	0.469	ug/L		12/11/25 15:01	12/12/25 22:04	1
2,6-Dinitrotoluene	ND		7.21	0.209	ug/L		12/11/25 15:01	12/12/25 22:04	1
2-Chloronaphthalene	ND		7.21	0.274	ug/L		12/11/25 15:01	12/12/25 22:04	1
2-Chlorophenol	ND		7.21	0.606	ug/L		12/11/25 15:01	12/12/25 22:04	1
2-Methylnaphthalene	ND		7.21	0.584	ug/L		12/11/25 15:01	12/12/25 22:04	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-6
Date Collected: 12/05/25 12:55
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.21	0.548	ug/L		12/11/25 15:01	12/12/25 22:04	1
2-Nitroaniline	ND		7.21	0.988	ug/L		12/11/25 15:01	12/12/25 22:04	1
2-Nitrophenol	ND		7.21	0.844	ug/L		12/11/25 15:01	12/12/25 22:04	1
3 & 4 Methylphenol	ND		14.4	3.32	ug/L		12/11/25 15:01	12/12/25 22:04	1
3,3'-Dichlorobenzidine	ND		7.93	0.296	ug/L		12/11/25 15:01	12/12/25 22:04	1
3-Nitroaniline	ND		7.21	0.685	ug/L		12/11/25 15:01	12/12/25 22:04	1
4,6-Dinitro-2-methylphenol	ND		7.21	1.42	ug/L		12/11/25 15:01	12/12/25 22:04	1
4-Bromophenyl phenyl ether	ND		7.21	0.0938	ug/L		12/11/25 15:01	12/12/25 22:04	1
4-Chloro-3-methylphenol	ND		7.21	0.526	ug/L		12/11/25 15:01	12/12/25 22:04	1
4-Chloroaniline	ND		7.21	0.418	ug/L		12/11/25 15:01	12/12/25 22:04	1
4-Chlorophenyl phenyl ether	ND		7.21	0.173	ug/L		12/11/25 15:01	12/12/25 22:04	1
4-Nitroaniline	ND		7.21	2.52	ug/L		12/11/25 15:01	12/12/25 22:04	1
4-Nitrophenol	ND		7.21	1.98	ug/L		12/11/25 15:01	12/12/25 22:04	1
Acenaphthene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 22:04	1
Acenaphthylene	ND		7.21	0.548	ug/L		12/11/25 15:01	12/12/25 22:04	1
Acetophenone	ND		7.21	2.31	ug/L		12/11/25 15:01	12/12/25 22:04	1
Anthracene	ND		7.21	0.656	ug/L		12/11/25 15:01	12/12/25 22:04	1
Atrazine	ND		7.21	0.815	ug/L		12/11/25 15:01	12/12/25 22:04	1
Benzaldehyde	ND		7.21	0.483	ug/L		12/11/25 15:01	12/12/25 22:04	1
Benzo[a]anthracene	ND		7.21	0.721	ug/L		12/11/25 15:01	12/12/25 22:04	1
Benzo[a]pyrene	ND		7.21	0.793	ug/L		12/11/25 15:01	12/12/25 22:04	1
Benzo[b]fluoranthene	ND		7.21	0.865	ug/L		12/11/25 15:01	12/12/25 22:04	1
Benzo[g,h,i]perylene	ND		7.21	1.08	ug/L		12/11/25 15:01	12/12/25 22:04	1
Benzo[k]fluoranthene	ND		7.21	1.08	ug/L		12/11/25 15:01	12/12/25 22:04	1
bis (2-chloroisopropyl) ether	ND		7.21	0.671	ug/L		12/11/25 15:01	12/12/25 22:04	1
Bis(2-chloroethoxy)methane	ND		7.21	0.245	ug/L		12/11/25 15:01	12/12/25 22:04	1
Bis(2-chloroethyl)ether	ND		7.21	0.526	ug/L		12/11/25 15:01	12/12/25 22:04	1
Bis(2-ethylhexyl) phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:04	1
Butyl benzyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:04	1
Caprolactam	ND		7.21	1.73	ug/L		12/11/25 15:01	12/12/25 22:04	1
Carbazole	ND		7.21	0.231	ug/L		12/11/25 15:01	12/12/25 22:04	1
Chrysene	ND		7.21	0.865	ug/L		12/11/25 15:01	12/12/25 22:04	1
Dibenz(a,h)anthracene	ND		7.21	0.938	ug/L		12/11/25 15:01	12/12/25 22:04	1
Dibenzofuran	ND		7.21	0.462	ug/L		12/11/25 15:01	12/12/25 22:04	1
Diethyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:04	1
Dimethyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:04	1
Di-n-butyl phthalate	ND		7.21	5.91	ug/L		12/11/25 15:01	12/12/25 22:04	1
Di-n-octyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:04	1
Fluoranthene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 22:04	1
Fluorene	ND		7.21	0.483	ug/L		12/11/25 15:01	12/12/25 22:04	1
Hexachlorobenzene	ND		7.21	0.180	ug/L		12/11/25 15:01	12/12/25 22:04	1
Hexachlorobutadiene	ND		7.21	0.397	ug/L		12/11/25 15:01	12/12/25 22:04	1
Hexachlorocyclopentadiene	ND		14.4	0.231	ug/L		12/11/25 15:01	12/12/25 22:04	1
Hexachloroethane	ND		7.21	0.382	ug/L		12/11/25 15:01	12/12/25 22:04	1
Indeno[1,2,3-cd]pyrene	ND		7.21	0.793	ug/L		12/11/25 15:01	12/12/25 22:04	1
Isophorone	ND		7.21	0.577	ug/L		12/11/25 15:01	12/12/25 22:04	1
Naphthalene	ND		7.21	0.541	ug/L		12/11/25 15:01	12/12/25 22:04	1
Nitrobenzene	ND		7.21	0.433	ug/L		12/11/25 15:01	12/12/25 22:04	1
N-Nitrosodi-n-propylamine	ND		7.21	0.238	ug/L		12/11/25 15:01	12/12/25 22:04	1

Client Sample ID: MW-6

Date Collected: 12/05/25 12:55
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.21	0.137	ug/L		12/11/25 15:01	12/12/25 22:04	1
Pentachlorophenol	ND		7.21	2.02	ug/L		12/11/25 15:01	12/12/25 22:04	1
Phenanthrene	ND		7.21	0.534	ug/L		12/11/25 15:01	12/12/25 22:04	1
Phenol	ND		7.21	0.490	ug/L		12/11/25 15:01	12/12/25 22:04	1
Pyrene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*12/11/25 15:01*	*12/12/25 22:04*	*1*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*	*12/11/25 15:01*	*12/12/25 22:04*	*1*
2-Fluorophenol (Surr)	*74*		*10 - 150*	*12/11/25 15:01*	*12/12/25 22:04*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*	*12/11/25 15:01*	*12/12/25 22:04*	*1*
Phenol-d5 (Surr)	*75*		*10 - 150*	*12/11/25 15:01*	*12/12/25 22:04*	*1*
Terphenyl-d14 (Surr)	*41*		*28 - 150*	*12/11/25 15:01*	*12/12/25 22:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:10	1
Arsenic	**5.98**		5.00	1.32	ug/L		12/09/25 16:25	12/11/25 22:15	1
Barium	**805**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:10	1
Beryllium	**0.460**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:10	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:10	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:10	1
Cobalt	**1.11**	**J ^+**	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:10	1
Copper	**0.815**	**J ^+**	2.00	0.642	ug/L		12/09/25 16:25	12/11/25 04:10	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:10	1
Manganese	**2570**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:10	1
Nickel	**1.43**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:10	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:15	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:10	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:10	1
Vanadium	ND		5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:10	1
Zinc	**10.6**		10.0	8.91	ug/L		12/09/25 16:25	12/11/25 22:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	**5.46**		1.25	0.500	mg/L			12/10/25 16:41	5
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 15:45	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0770**	**J B**	0.100	0.0100	mg/L			12/12/25 14:07	1
Nitrate as N (SM Nitrate by calc)	**0.0770**	**J**	0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	**2.34**	**J**	5.00	1.40	mg/L			12/12/25 16:31	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-7
Date Collected: 12/05/25 12:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 17:22	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 17:22	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 17:22	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 17:22	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 17:22	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 17:22	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 17:22	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 17:22	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 17:22	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 17:22	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 17:22	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 17:22	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 17:22	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 17:22	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 17:22	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 17:22	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 17:22	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 17:22	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 17:22	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 17:22	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 17:22	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 17:22	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 17:22	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 17:22	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 17:22	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 17:22	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 17:22	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 17:22	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 17:22	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 17:22	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 17:22	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 17:22	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 17:22	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 17:22	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 17:22	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 17:22	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 17:22	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:22	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 17:22	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 17:22	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 17:22	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 17:22	1

Client Sample ID: MW-7
Date Collected: 12/05/25 12:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:22	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 17:22	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 17:22	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 17:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 17:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
Tetrachloroethene	**0.387**	**J**	1.00	0.330	ug/L			12/12/25 17:22	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 17:22	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 17:22	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:22	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 17:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 17:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 17:22	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 17:22	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 17:22	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 17:22	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 17:22	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 17:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 17:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 17:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 17:22	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 17:22	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 17:22	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*12/12/25 17:22*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*12/12/25 17:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 146*		*12/12/25 17:22*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*12/12/25 17:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/10/25 13:33	12/11/25 20:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/10/25 13:33*	*12/11/25 20:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		7.21	0.303	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,4,5-Trichlorophenol	ND		7.21	0.389	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,4,6-Trichlorophenol	ND		7.21	0.786	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,4-Dichlorophenol	ND		7.21	0.411	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,4-Dimethylphenol	ND		7.21	0.173	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,4-Dinitrophenol	ND		21.6	3.38	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,4-Dinitrotoluene	ND		7.21	0.469	ug/L		12/11/25 15:01	12/12/25 22:36	1
2,6-Dinitrotoluene	ND		7.21	0.209	ug/L		12/11/25 15:01	12/12/25 22:36	1
2-Chloronaphthalene	ND		7.21	0.274	ug/L		12/11/25 15:01	12/12/25 22:36	1
2-Chlorophenol	ND		7.21	0.606	ug/L		12/11/25 15:01	12/12/25 22:36	1
2-Methylnaphthalene	ND		7.21	0.584	ug/L		12/11/25 15:01	12/12/25 22:36	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-7
Date Collected: 12/05/25 12:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.21	0.548	ug/L		12/11/25 15:01	12/12/25 22:36	1
2-Nitroaniline	ND		7.21	0.988	ug/L		12/11/25 15:01	12/12/25 22:36	1
2-Nitrophenol	ND		7.21	0.844	ug/L		12/11/25 15:01	12/12/25 22:36	1
3 & 4 Methylphenol	ND		14.4	3.32	ug/L		12/11/25 15:01	12/12/25 22:36	1
3,3'-Dichlorobenzidine	ND		7.93	0.296	ug/L		12/11/25 15:01	12/12/25 22:36	1
3-Nitroaniline	ND		7.21	0.685	ug/L		12/11/25 15:01	12/12/25 22:36	1
4,6-Dinitro-2-methylphenol	ND		7.21	1.42	ug/L		12/11/25 15:01	12/12/25 22:36	1
4-Bromophenyl phenyl ether	ND		7.21	0.0938	ug/L		12/11/25 15:01	12/12/25 22:36	1
4-Chloro-3-methylphenol	ND		7.21	0.526	ug/L		12/11/25 15:01	12/12/25 22:36	1
4-Chloroaniline	ND		7.21	0.418	ug/L		12/11/25 15:01	12/12/25 22:36	1
4-Chlorophenyl phenyl ether	ND		7.21	0.173	ug/L		12/11/25 15:01	12/12/25 22:36	1
4-Nitroaniline	ND		7.21	2.52	ug/L		12/11/25 15:01	12/12/25 22:36	1
4-Nitrophenol	ND		7.21	1.98	ug/L		12/11/25 15:01	12/12/25 22:36	1
Acenaphthene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 22:36	1
Acenaphthylene	ND		7.21	0.548	ug/L		12/11/25 15:01	12/12/25 22:36	1
Acetophenone	ND		7.21	2.31	ug/L		12/11/25 15:01	12/12/25 22:36	1
Anthracene	ND		7.21	0.656	ug/L		12/11/25 15:01	12/12/25 22:36	1
Atrazine	ND		7.21	0.815	ug/L		12/11/25 15:01	12/12/25 22:36	1
Benzaldehyde	ND		7.21	0.483	ug/L		12/11/25 15:01	12/12/25 22:36	1
Benzo[a]anthracene	ND		7.21	0.721	ug/L		12/11/25 15:01	12/12/25 22:36	1
Benzo[a]pyrene	ND		7.21	0.793	ug/L		12/11/25 15:01	12/12/25 22:36	1
Benzo[b]fluoranthene	ND		7.21	0.865	ug/L		12/11/25 15:01	12/12/25 22:36	1
Benzo[g,h,i]perylene	ND		7.21	1.08	ug/L		12/11/25 15:01	12/12/25 22:36	1
Benzo[k]fluoranthene	ND		7.21	1.08	ug/L		12/11/25 15:01	12/12/25 22:36	1
bis (2-chloroisopropyl) ether	ND		7.21	0.671	ug/L		12/11/25 15:01	12/12/25 22:36	1
Bis(2-chloroethoxy)methane	ND		7.21	0.245	ug/L		12/11/25 15:01	12/12/25 22:36	1
Bis(2-chloroethyl)ether	ND		7.21	0.526	ug/L		12/11/25 15:01	12/12/25 22:36	1
Bis(2-ethylhexyl) phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:36	1
Butyl benzyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:36	1
Caprolactam	ND		7.21	1.73	ug/L		12/11/25 15:01	12/12/25 22:36	1
Carbazole	ND		7.21	0.231	ug/L		12/11/25 15:01	12/12/25 22:36	1
Chrysene	ND		7.21	0.865	ug/L		12/11/25 15:01	12/12/25 22:36	1
Dibenz(a,h)anthracene	ND		7.21	0.938	ug/L		12/11/25 15:01	12/12/25 22:36	1
Dibenzofuran	ND		7.21	0.462	ug/L		12/11/25 15:01	12/12/25 22:36	1
Diethyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:36	1
Dimethyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:36	1
Di-n-butyl phthalate	ND		7.21	5.91	ug/L		12/11/25 15:01	12/12/25 22:36	1
Di-n-octyl phthalate	ND		7.21	2.88	ug/L		12/11/25 15:01	12/12/25 22:36	1
Fluoranthene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 22:36	1
Fluorene	ND		7.21	0.483	ug/L		12/11/25 15:01	12/12/25 22:36	1
Hexachlorobenzene	ND		7.21	0.180	ug/L		12/11/25 15:01	12/12/25 22:36	1
Hexachlorobutadiene	ND		7.21	0.397	ug/L		12/11/25 15:01	12/12/25 22:36	1
Hexachlorocyclopentadiene	ND		14.4	0.231	ug/L		12/11/25 15:01	12/12/25 22:36	1
Hexachloroethane	ND		7.21	0.382	ug/L		12/11/25 15:01	12/12/25 22:36	1
Indeno[1,2,3-cd]pyrene	ND		7.21	0.793	ug/L		12/11/25 15:01	12/12/25 22:36	1
Isophorone	ND		7.21	0.577	ug/L		12/11/25 15:01	12/12/25 22:36	1
Naphthalene	ND		7.21	0.541	ug/L		12/11/25 15:01	12/12/25 22:36	1
Nitrobenzene	ND		7.21	0.433	ug/L		12/11/25 15:01	12/12/25 22:36	1
N-Nitrosodi-n-propylamine	ND		7.21	0.238	ug/L		12/11/25 15:01	12/12/25 22:36	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-7

Date Collected: 12/05/25 12:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.21	0.137	ug/L		12/11/25 15:01	12/12/25 22:36	1
Pentachlorophenol	ND		7.21	2.02	ug/L		12/11/25 15:01	12/12/25 22:36	1
Phenanthrene	ND		7.21	0.534	ug/L		12/11/25 15:01	12/12/25 22:36	1
Phenol	ND		7.21	0.490	ug/L		12/11/25 15:01	12/12/25 22:36	1
Pyrene	ND		7.21	0.454	ug/L		12/11/25 15:01	12/12/25 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*	*12/11/25 15:01*	*12/12/25 22:36*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*12/11/25 15:01*	*12/12/25 22:36*	*1*
2-Fluorophenol (Surr)	*75*		*10 - 150*	*12/11/25 15:01*	*12/12/25 22:36*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 150*	*12/11/25 15:01*	*12/12/25 22:36*	*1*
Phenol-d5 (Surr)	*75*		*10 - 150*	*12/11/25 15:01*	*12/12/25 22:36*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*12/11/25 15:01*	*12/12/25 22:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:12	1
Arsenic	ND	^+	5.00	1.32	ug/L		12/09/25 16:25	12/11/25 04:12	1
Barium	**543**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:12	1
Beryllium	**0.497**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:12	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:12	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:12	1
Cobalt	**1.05**	**J ^+**	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:12	1
Copper	ND	^+	2.00	0.642	ug/L		12/09/25 16:25	12/11/25 04:12	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:12	1
Manganese	**158**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:12	1
Nickel	**2.21**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:12	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:17	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:12	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:12	1
Vanadium	**2.15**	**J**	5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:12	1
Zinc	ND	^+	10.0	8.91	ug/L		12/09/25 16:25	12/11/25 04:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 11:51	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 15:46	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**20.0**	**B**	2.00	0.200	mg/L			12/12/25 14:08	20
Nitrate as N (SM Nitrate by calc)	**20.0**		0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	**3.11**	**J**	5.00	1.40	mg/L			12/12/25 16:32	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-8
Date Collected: 12/05/25 11:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 17:43	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 17:43	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 17:43	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 17:43	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 17:43	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 17:43	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 17:43	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 17:43	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 17:43	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 17:43	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 17:43	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 17:43	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 17:43	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 17:43	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 17:43	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 17:43	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 17:43	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 17:43	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 17:43	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 17:43	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 17:43	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 17:43	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 17:43	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 17:43	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 17:43	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 17:43	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 17:43	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 17:43	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 17:43	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 17:43	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 17:43	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 17:43	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 17:43	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 17:43	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 17:43	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 17:43	1
Methyl tert-butyl ether	**11.1**		1.00	0.220	ug/L			12/12/25 17:43	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:43	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 17:43	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 17:43	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 17:43	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 17:43	1

Client Sample ID: MW-8
Date Collected: 12/05/25 11:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 17:43	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 17:43	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 17:43	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 17:43	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 17:43	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 17:43	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 17:43	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 17:43	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 17:43	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 17:43	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 17:43	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 17:43	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 17:43	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 17:43	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 17:43	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 17:43	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 17:43	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 17:43	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 17:43	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 17:43	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 17:43	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/12/25 17:43*	*1*
Dibromofluoromethane	*105*		*79 - 130*		*12/12/25 17:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*12/12/25 17:43*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/12/25 17:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.280	0.280	ug/L		12/10/25 13:33	12/11/25 20:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*10 - 140*	*12/10/25 13:33*	*12/11/25 20:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		7.26	0.305	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,4,5-Trichlorophenol	ND		7.26	0.392	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,4,6-Trichlorophenol	ND		7.26	0.792	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,4-Dichlorophenol	ND		7.26	0.414	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,4-Dimethylphenol	ND		7.26	0.174	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,4-Dinitrophenol	ND		21.8	3.40	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,4-Dinitrotoluene	ND		7.26	0.472	ug/L		12/11/25 15:01	12/12/25 23:09	1
2,6-Dinitrotoluene	ND		7.26	0.211	ug/L		12/11/25 15:01	12/12/25 23:09	1
2-Chloronaphthalene	ND		7.26	0.276	ug/L		12/11/25 15:01	12/12/25 23:09	1
2-Chlorophenol	ND		7.26	0.610	ug/L		12/11/25 15:01	12/12/25 23:09	1
2-Methylnaphthalene	ND		7.26	0.588	ug/L		12/11/25 15:01	12/12/25 23:09	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-8
Date Collected: 12/05/25 11:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.26	0.552	ug/L		12/11/25 15:01	12/12/25 23:09	1
2-Nitroaniline	ND		7.26	0.995	ug/L		12/11/25 15:01	12/12/25 23:09	1
2-Nitrophenol	ND		7.26	0.850	ug/L		12/11/25 15:01	12/12/25 23:09	1
3 & 4 Methylphenol	ND		14.5	3.34	ug/L		12/11/25 15:01	12/12/25 23:09	1
3,3'-Dichlorobenzidine	ND		7.99	0.298	ug/L		12/11/25 15:01	12/12/25 23:09	1
3-Nitroaniline	ND		7.26	0.690	ug/L		12/11/25 15:01	12/12/25 23:09	1
4,6-Dinitro-2-methylphenol	ND		7.26	1.43	ug/L		12/11/25 15:01	12/12/25 23:09	1
4-Bromophenyl phenyl ether	ND		7.26	0.0944	ug/L		12/11/25 15:01	12/12/25 23:09	1
4-Chloro-3-methylphenol	ND		7.26	0.530	ug/L		12/11/25 15:01	12/12/25 23:09	1
4-Chloroaniline	ND		7.26	0.421	ug/L		12/11/25 15:01	12/12/25 23:09	1
4-Chlorophenyl phenyl ether	ND		7.26	0.174	ug/L		12/11/25 15:01	12/12/25 23:09	1
4-Nitroaniline	ND		7.26	2.54	ug/L		12/11/25 15:01	12/12/25 23:09	1
4-Nitrophenol	ND		7.26	1.99	ug/L		12/11/25 15:01	12/12/25 23:09	1
Acenaphthene	ND		7.26	0.458	ug/L		12/11/25 15:01	12/12/25 23:09	1
Acenaphthylene	ND		7.26	0.552	ug/L		12/11/25 15:01	12/12/25 23:09	1
Acetophenone	ND		7.26	2.32	ug/L		12/11/25 15:01	12/12/25 23:09	1
Anthracene	ND		7.26	0.661	ug/L		12/11/25 15:01	12/12/25 23:09	1
Atrazine	ND		7.26	0.821	ug/L		12/11/25 15:01	12/12/25 23:09	1
Benzaldehyde	ND		7.26	0.487	ug/L		12/11/25 15:01	12/12/25 23:09	1
Benzo[a]anthracene	ND		7.26	0.726	ug/L		12/11/25 15:01	12/12/25 23:09	1
Benzo[a]pyrene	ND		7.26	0.799	ug/L		12/11/25 15:01	12/12/25 23:09	1
Benzo[b]fluoranthene	ND		7.26	0.872	ug/L		12/11/25 15:01	12/12/25 23:09	1
Benzo[g,h,i]perylene	ND		7.26	1.09	ug/L		12/11/25 15:01	12/12/25 23:09	1
Benzo[k]fluoranthene	ND		7.26	1.09	ug/L		12/11/25 15:01	12/12/25 23:09	1
bis (2-chloroisopropyl) ether	ND		7.26	0.676	ug/L		12/11/25 15:01	12/12/25 23:09	1
Bis(2-chloroethoxy)methane	ND		7.26	0.247	ug/L		12/11/25 15:01	12/12/25 23:09	1
Bis(2-chloroethyl)ether	ND		7.26	0.530	ug/L		12/11/25 15:01	12/12/25 23:09	1
Bis(2-ethylhexyl) phthalate	ND		7.26	2.91	ug/L		12/11/25 15:01	12/12/25 23:09	1
Butyl benzyl phthalate	ND		7.26	2.91	ug/L		12/11/25 15:01	12/12/25 23:09	1
Caprolactam	ND		7.26	1.74	ug/L		12/11/25 15:01	12/12/25 23:09	1
Carbazole	ND		7.26	0.232	ug/L		12/11/25 15:01	12/12/25 23:09	1
Chrysene	ND		7.26	0.872	ug/L		12/11/25 15:01	12/12/25 23:09	1
Dibenz(a,h)anthracene	ND		7.26	0.944	ug/L		12/11/25 15:01	12/12/25 23:09	1
Dibenzofuran	ND		7.26	0.465	ug/L		12/11/25 15:01	12/12/25 23:09	1
Diethyl phthalate	ND		7.26	2.91	ug/L		12/11/25 15:01	12/12/25 23:09	1
Dimethyl phthalate	ND		7.26	2.91	ug/L		12/11/25 15:01	12/12/25 23:09	1
Di-n-butyl phthalate	ND		7.26	5.95	ug/L		12/11/25 15:01	12/12/25 23:09	1
Di-n-octyl phthalate	ND		7.26	2.91	ug/L		12/11/25 15:01	12/12/25 23:09	1
Fluoranthene	ND		7.26	0.458	ug/L		12/11/25 15:01	12/12/25 23:09	1
Fluorene	ND		7.26	0.487	ug/L		12/11/25 15:01	12/12/25 23:09	1
Hexachlorobenzene	ND		7.26	0.182	ug/L		12/11/25 15:01	12/12/25 23:09	1
Hexachlorobutadiene	ND		7.26	0.400	ug/L		12/11/25 15:01	12/12/25 23:09	1
Hexachlorocyclopentadiene	ND		14.5	0.232	ug/L		12/11/25 15:01	12/12/25 23:09	1
Hexachloroethane	ND		7.26	0.385	ug/L		12/11/25 15:01	12/12/25 23:09	1
Indeno[1,2,3-cd]pyrene	ND		7.26	0.799	ug/L		12/11/25 15:01	12/12/25 23:09	1
Isophorone	ND		7.26	0.581	ug/L		12/11/25 15:01	12/12/25 23:09	1
Naphthalene	ND		7.26	0.545	ug/L		12/11/25 15:01	12/12/25 23:09	1
Nitrobenzene	ND		7.26	0.436	ug/L		12/11/25 15:01	12/12/25 23:09	1
N-Nitrosodi-n-propylamine	ND		7.26	0.240	ug/L		12/11/25 15:01	12/12/25 23:09	1

Client Sample ID: MW-8

Date Collected: 12/05/25 11:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.26	0.138	ug/L		12/11/25 15:01	12/12/25 23:09	1
Pentachlorophenol	ND		7.26	2.03	ug/L		12/11/25 15:01	12/12/25 23:09	1
Phenanthrene	ND		7.26	0.538	ug/L		12/11/25 15:01	12/12/25 23:09	1
Phenol	**1.22**	**J**	7.26	0.494	ug/L		12/11/25 15:01	12/12/25 23:09	1
Pyrene	ND		7.26	0.458	ug/L		12/11/25 15:01	12/12/25 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 150*	*12/11/25 15:01*	*12/12/25 23:09*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*12/11/25 15:01*	*12/12/25 23:09*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 150*	*12/11/25 15:01*	*12/12/25 23:09*	*1*
Nitrobenzene-d5 (Surr)	*84*		*22 - 150*	*12/11/25 15:01*	*12/12/25 23:09*	*1*
Phenol-d5 (Surr)	*83*		*10 - 150*	*12/11/25 15:01*	*12/12/25 23:09*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*12/11/25 15:01*	*12/12/25 23:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:14	1
Arsenic	**2.54**	**J ^+**	5.00	1.32	ug/L		12/09/25 16:25	12/11/25 04:14	1
Barium	**1010**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:14	1
Beryllium	**0.595**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:14	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:14	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:14	1
Cobalt	ND	^+	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:14	1
Copper	ND	^+	2.00	0.642	ug/L		12/09/25 16:25	12/11/25 04:14	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:14	1
Manganese	**1490**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:14	1
Nickel	**0.733**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:14	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:19	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:14	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:14	1
Vanadium	ND		5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:14	1
Zinc	ND	^+	10.0	8.91	ug/L		12/09/25 16:25	12/11/25 04:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 11:53	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 15:47	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0800**	**J B**	0.100	0.0100	mg/L			12/12/25 14:09	1
Nitrate as N (SM Nitrate by calc)	**0.0800**	**J**	0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	**15.7**		5.00	1.40	mg/L			12/12/25 16:32	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: 120525-Dup-1
Date Collected: 12/05/25 00:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 18:04	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 18:04	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 18:04	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 18:04	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 18:04	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 18:04	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 18:04	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 18:04	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 18:04	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 18:04	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 18:04	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 18:04	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 18:04	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 18:04	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 18:04	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 18:04	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 18:04	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 18:04	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 18:04	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 18:04	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 18:04	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 18:04	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 18:04	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 18:04	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 18:04	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 18:04	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 18:04	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 18:04	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 18:04	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 18:04	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 18:04	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 18:04	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 18:04	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 18:04	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 18:04	1
Methyl tert-butyl ether	**11.9**		1.00	0.220	ug/L			12/12/25 18:04	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 18:04	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 18:04	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 18:04	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 18:04	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 18:04	1

Client Sample ID: 120525-Dup-1
Date Collected: 12/05/25 00:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 18:04	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 18:04	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 18:04	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 18:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 18:04	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 18:04	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 18:04	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 18:04	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 18:04	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 18:04	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 18:04	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 18:04	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 18:04	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 18:04	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 18:04	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 18:04	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 18:04	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 18:04	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 18:04	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 18:04	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*12/12/25 18:04*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*12/12/25 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 146*		*12/12/25 18:04*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*12/12/25 18:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.283	0.283	ug/L		12/10/25 13:33	12/11/25 21:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 140*	*12/10/25 13:33*	*12/11/25 21:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		7.16	0.301	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,4,5-Trichlorophenol	ND		7.16	0.387	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,4,6-Trichlorophenol	ND		7.16	0.780	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,4-Dichlorophenol	ND		7.16	0.408	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,4-Dimethylphenol	ND		7.16	0.172	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,4-Dinitrophenol	ND		21.5	3.35	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,4-Dinitrotoluene	ND		7.16	0.465	ug/L		12/11/25 15:01	12/12/25 23:41	1
2,6-Dinitrotoluene	ND		7.16	0.208	ug/L		12/11/25 15:01	12/12/25 23:41	1
2-Chloronaphthalene	ND		7.16	0.272	ug/L		12/11/25 15:01	12/12/25 23:41	1
2-Chlorophenol	ND		7.16	0.601	ug/L		12/11/25 15:01	12/12/25 23:41	1
2-Methylnaphthalene	ND		7.16	0.580	ug/L		12/11/25 15:01	12/12/25 23:41	1

Client Sample ID: 120525-Dup-1
Date Collected: 12/05/25 00:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		7.16	0.544	ug/L		12/11/25 15:01	12/12/25 23:41	1
2-Nitroaniline	ND		7.16	0.981	ug/L		12/11/25 15:01	12/12/25 23:41	1
2-Nitrophenol	ND		7.16	0.838	ug/L		12/11/25 15:01	12/12/25 23:41	1
3 & 4 Methylphenol	ND		14.3	3.29	ug/L		12/11/25 15:01	12/12/25 23:41	1
3,3'-Dichlorobenzidine	ND		7.88	0.294	ug/L		12/11/25 15:01	12/12/25 23:41	1
3-Nitroaniline	ND		7.16	0.680	ug/L		12/11/25 15:01	12/12/25 23:41	1
4,6-Dinitro-2-methylphenol	ND		7.16	1.41	ug/L		12/11/25 15:01	12/12/25 23:41	1
4-Bromophenyl phenyl ether	ND		7.16	0.0931	ug/L		12/11/25 15:01	12/12/25 23:41	1
4-Chloro-3-methylphenol	ND		7.16	0.523	ug/L		12/11/25 15:01	12/12/25 23:41	1
4-Chloroaniline	ND		7.16	0.415	ug/L		12/11/25 15:01	12/12/25 23:41	1
4-Chlorophenyl phenyl ether	ND		7.16	0.172	ug/L		12/11/25 15:01	12/12/25 23:41	1
4-Nitroaniline	ND		7.16	2.51	ug/L		12/11/25 15:01	12/12/25 23:41	1
4-Nitrophenol	ND		7.16	1.96	ug/L		12/11/25 15:01	12/12/25 23:41	1
Acenaphthene	ND		7.16	0.451	ug/L		12/11/25 15:01	12/12/25 23:41	1
Acenaphthylene	ND		7.16	0.544	ug/L		12/11/25 15:01	12/12/25 23:41	1
Acetophenone	ND		7.16	2.29	ug/L		12/11/25 15:01	12/12/25 23:41	1
Anthracene	ND		7.16	0.652	ug/L		12/11/25 15:01	12/12/25 23:41	1
Atrazine	ND		7.16	0.809	ug/L		12/11/25 15:01	12/12/25 23:41	1
Benzaldehyde	ND		7.16	0.480	ug/L		12/11/25 15:01	12/12/25 23:41	1
Benzo[a]anthracene	ND		7.16	0.716	ug/L		12/11/25 15:01	12/12/25 23:41	1
Benzo[a]pyrene	ND		7.16	0.788	ug/L		12/11/25 15:01	12/12/25 23:41	1
Benzo[b]fluoranthene	ND		7.16	0.859	ug/L		12/11/25 15:01	12/12/25 23:41	1
Benzo[g,h,i]perylene	ND		7.16	1.07	ug/L		12/11/25 15:01	12/12/25 23:41	1
Benzo[k]fluoranthene	ND		7.16	1.07	ug/L		12/11/25 15:01	12/12/25 23:41	1
bis (2-chloroisopropyl) ether	ND		7.16	0.666	ug/L		12/11/25 15:01	12/12/25 23:41	1
Bis(2-chloroethoxy)methane	ND		7.16	0.243	ug/L		12/11/25 15:01	12/12/25 23:41	1
Bis(2-chloroethyl)ether	ND		7.16	0.523	ug/L		12/11/25 15:01	12/12/25 23:41	1
Bis(2-ethylhexyl) phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 23:41	1
Butyl benzyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 23:41	1
Caprolactam	ND		7.16	1.72	ug/L		12/11/25 15:01	12/12/25 23:41	1
Carbazole	ND		7.16	0.229	ug/L		12/11/25 15:01	12/12/25 23:41	1
Chrysene	ND		7.16	0.859	ug/L		12/11/25 15:01	12/12/25 23:41	1
Dibenz(a,h)anthracene	ND		7.16	0.931	ug/L		12/11/25 15:01	12/12/25 23:41	1
Dibenzofuran	ND		7.16	0.458	ug/L		12/11/25 15:01	12/12/25 23:41	1
Diethyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 23:41	1
Dimethyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 23:41	1
Di-n-butyl phthalate	ND		7.16	5.86	ug/L		12/11/25 15:01	12/12/25 23:41	1
Di-n-octyl phthalate	ND		7.16	2.86	ug/L		12/11/25 15:01	12/12/25 23:41	1
Fluoranthene	ND		7.16	0.451	ug/L		12/11/25 15:01	12/12/25 23:41	1
Fluorene	ND		7.16	0.480	ug/L		12/11/25 15:01	12/12/25 23:41	1
Hexachlorobenzene	ND		7.16	0.179	ug/L		12/11/25 15:01	12/12/25 23:41	1
Hexachlorobutadiene	ND		7.16	0.394	ug/L		12/11/25 15:01	12/12/25 23:41	1
Hexachlorocyclopentadiene	ND		14.3	0.229	ug/L		12/11/25 15:01	12/12/25 23:41	1
Hexachloroethane	ND		7.16	0.379	ug/L		12/11/25 15:01	12/12/25 23:41	1
Indeno[1,2,3-cd]pyrene	ND		7.16	0.788	ug/L		12/11/25 15:01	12/12/25 23:41	1
Isophorone	ND		7.16	0.573	ug/L		12/11/25 15:01	12/12/25 23:41	1
Naphthalene	ND		7.16	0.537	ug/L		12/11/25 15:01	12/12/25 23:41	1
Nitrobenzene	ND		7.16	0.430	ug/L		12/11/25 15:01	12/12/25 23:41	1
N-Nitrosodi-n-propylamine	ND		7.16	0.236	ug/L		12/11/25 15:01	12/12/25 23:41	1

Client Sample ID: 120525-Dup-1 — **Lab Sample ID: 752-39988-7**
Date Collected: 12/05/25 00:00 — **Matrix: Water**
Date Received: 12/05/25 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		7.16	0.136	ug/L		12/11/25 15:01	12/12/25 23:41	1
Pentachlorophenol	ND		7.16	2.00	ug/L		12/11/25 15:01	12/12/25 23:41	1
Phenanthrene	ND		7.16	0.530	ug/L		12/11/25 15:01	12/12/25 23:41	1
Phenol	**2.88**	**J**	7.16	0.487	ug/L		12/11/25 15:01	12/12/25 23:41	1
Pyrene	ND		7.16	0.451	ug/L		12/11/25 15:01	12/12/25 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 150*	*12/11/25 15:01*	*12/12/25 23:41*	*1*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*	*12/11/25 15:01*	*12/12/25 23:41*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 150*	*12/11/25 15:01*	*12/12/25 23:41*	*1*
Nitrobenzene-d5 (Surr)	*83*		*22 - 150*	*12/11/25 15:01*	*12/12/25 23:41*	*1*
Phenol-d5 (Surr)	*81*		*10 - 150*	*12/11/25 15:01*	*12/12/25 23:41*	*1*
Terphenyl-d14 (Surr)	*58*		*28 - 150*	*12/11/25 15:01*	*12/12/25 23:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/11/25 04:17	1
Arsenic	**2.99**	**J ^+**	5.00	1.32	ug/L		12/09/25 16:25	12/11/25 04:17	1
Barium	**1370**		10.0	0.410	ug/L		12/09/25 16:25	12/11/25 04:17	1
Beryllium	**0.581**	**J**	1.00	0.147	ug/L		12/09/25 16:25	12/11/25 04:17	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/11/25 04:17	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/11/25 04:17	1
Cobalt	**0.528**	**J ^+**	5.00	0.411	ug/L		12/09/25 16:25	12/11/25 04:17	1
Copper	ND	^+	2.00	0.642	ug/L		12/09/25 16:25	12/11/25 04:17	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/11/25 04:17	1
Manganese	**2640**		5.00	1.29	ug/L		12/09/25 16:25	12/11/25 04:17	1
Nickel	**0.761**	**J ^+**	5.00	0.422	ug/L		12/09/25 16:25	12/11/25 04:17	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/11/25 22:22	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/11/25 04:17	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/11/25 04:17	1
Vanadium	ND		5.00	1.22	ug/L		12/09/25 16:25	12/11/25 04:17	1
Zinc	ND	^+	10.0	8.91	ug/L		12/09/25 16:25	12/11/25 04:17	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		12/11/25 19:50	12/12/25 01:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			12/10/25 11:56	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/05/25 15:48	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0510**	**J B**	0.100	0.0100	mg/L			12/12/25 14:10	1
Nitrate as N (SM Nitrate by calc)	**0.0510**	**J**	0.100	0.0100	mg/L			12/15/25 09:38	1
Sulfate (SM 4500 SO4 E)	ND		5.00	1.40	mg/L			12/12/25 16:33	1

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-39988-8
Date Collected: 12/05/25 00:00
Matrix: Water
Date Received: 12/05/25 14:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			12/12/25 14:37	1
Benzene	ND		1.00	0.500	ug/L			12/12/25 14:37	1
Bromobenzene	ND		1.00	0.540	ug/L			12/12/25 14:37	1
Bromoform	ND		5.00	0.250	ug/L			12/12/25 14:37	1
Bromomethane	ND		1.00	0.980	ug/L			12/12/25 14:37	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			12/12/25 14:37	1
Carbon disulfide	ND		1.00	0.500	ug/L			12/12/25 14:37	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			12/12/25 14:37	1
Chlorobenzene	ND		1.00	0.420	ug/L			12/12/25 14:37	1
Chlorobromomethane	ND		1.00	0.520	ug/L			12/12/25 14:37	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			12/12/25 14:37	1
Chloroethane	ND		1.00	0.760	ug/L			12/12/25 14:37	1
Chloroform	ND		1.00	0.900	ug/L			12/12/25 14:37	1
Chloromethane	ND		1.00	0.840	ug/L			12/12/25 14:37	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			12/12/25 14:37	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			12/12/25 14:37	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			12/12/25 14:37	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			12/12/25 14:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			12/12/25 14:37	1
Dibromomethane	ND		5.00	0.220	ug/L			12/12/25 14:37	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			12/12/25 14:37	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			12/12/25 14:37	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			12/12/25 14:37	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			12/12/25 14:37	1
Ethyl acetate	ND		10.0	6.14	ug/L			12/12/25 14:37	1
Ethylbenzene	ND		1.00	0.500	ug/L			12/12/25 14:37	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			12/12/25 14:37	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			12/12/25 14:37	1
Hexane	ND		1.00	0.960	ug/L			12/12/25 14:37	1
2-Hexanone	ND		25.0	9.10	ug/L			12/12/25 14:37	1
Iodomethane	ND		1.00	0.900	ug/L			12/12/25 14:37	1
Isopropylbenzene	ND		1.00	0.530	ug/L			12/12/25 14:37	1
Isopropyl ether	ND		1.00	0.740	ug/L			12/12/25 14:37	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			12/12/25 14:37	1
Methylene Chloride	ND		5.00	4.00	ug/L			12/12/25 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			12/12/25 14:37	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			12/12/25 14:37	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			12/12/25 14:37	1
Naphthalene	ND		5.00	3.00	ug/L			12/12/25 14:37	1
n-Butylbenzene	ND		1.00	0.760	ug/L			12/12/25 14:37	1
n-Heptane	ND		1.00	0.690	ug/L			12/12/25 14:37	1
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 14:37	1

Client Sample ID: Trip Blank
Date Collected: 12/05/25 00:00
Date Received: 12/05/25 14:20

Lab Sample ID: 752-39988-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 14:37	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 14:37	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 14:37	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 14:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 14:37	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 14:37	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 14:37	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 14:37	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 14:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 14:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 14:37	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 14:37	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 14:37	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 14:37	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 14:37	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 14:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 14:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 14:37	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 14:37	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 14:37	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*12/12/25 14:37*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*12/12/25 14:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*59 - 146*		*12/12/25 14:37*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*12/12/25 14:37*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-39988-1	MW-1	97	104	108	100
752-39988-2	MW-2	101	104	110	99
752-39988-3	MW-3	99	103	110	100
752-39988-4	MW-6	99	105	111	99
752-39988-5	MW-7	97	105	110	100
752-39988-6	MW-8	100	105	111	98
752-39988-7	120525-Dup-1	98	103	111	99
752-39988-8	Trip Blank	100	103	106	98
LCS 400-733587/1003	Lab Control Sample	98	104	102	100
MB 400-733587/5	Method Blank	101	102	101	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-39988-1	MW-1	80	68	77	75	78	65
752-39988-2	MW-2	81	71	81	78	79	56
752-39988-3	MW-3	81	70	78	79	77	51
752-39988-4	MW-6	80	69	74	76	75	41
752-39988-5	MW-7	76	70	75	74	75	46
752-39988-6	MW-8	87	78	84	84	83	54
752-39988-7	120525-Dup-1	89	74	84	83	81	58
LCS 400-733523/2-A	Lab Control Sample	82	71	80	73	95	76
MB 400-733523/1-A	Method Blank	79	70	75	72	78	79

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: East End Park

Job ID: 752-39988-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-140)						
752-39988-1	MW-1	34						
752-39988-2	MW-2	28						
752-39988-3	MW-3	27						
752-39988-4	MW-6	26						
752-39988-5	MW-7	30						
752-39988-6	MW-8	24						
752-39988-7	120525-Dup-1	23						
LCS 400-733341/2-A	Lab Control Sample	42						
LCSD 400-733341/3-A	Lab Control Sample Dup	37						
MB 400-733341/1-A	Method Blank	37						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-733587/5
Matrix: Water
Analysis Batch: 733587

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

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

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

Lab Sample ID: MB 400-733587/5
Matrix: Water
Analysis Batch: 733587

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			12/12/25 12:12	1
o-Xylene	ND		5.00	3.00	ug/L			12/12/25 12:12	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			12/12/25 12:12	1
Styrene	ND		1.00	1.00	ug/L			12/12/25 12:12	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			12/12/25 12:12	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			12/12/25 12:12	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			12/12/25 12:12	1
Tetrachloroethene	ND		1.00	0.330	ug/L			12/12/25 12:12	1
Toluene	ND		1.00	0.900	ug/L			12/12/25 12:12	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			12/12/25 12:12	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			12/12/25 12:12	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			12/12/25 12:12	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			12/12/25 12:12	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			12/12/25 12:12	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			12/12/25 12:12	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			12/12/25 12:12	1
Trichloroethene	ND		1.00	0.480	ug/L			12/12/25 12:12	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			12/12/25 12:12	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			12/12/25 12:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			12/12/25 12:12	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			12/12/25 12:12	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			12/12/25 12:12	1
Vinyl acetate	ND		25.0	0.930	ug/L			12/12/25 12:12	1
Vinyl chloride	ND		1.00	0.500	ug/L			12/12/25 12:12	1
Xylenes, Total	ND		10.0	6.00	ug/L			12/12/25 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*56 - 136*		*12/12/25 12:12*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*12/12/25 12:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*12/12/25 12:12*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*12/12/25 12:12*	*1*

Lab Sample ID: LCS 400-733587/1003
Matrix: Water
Analysis Batch: 733587

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	177.0		ug/L		89	43 - 150
Benzene	50.0	47.03		ug/L		94	70 - 130
Bromobenzene	50.0	48.61		ug/L		97	70 - 132
Bromoform	50.0	44.25		ug/L		89	57 - 140
Bromomethane	50.0	19.71		ug/L		39	10 - 150
2-Butanone (MEK)	200	170.2		ug/L		85	61 - 145
Carbon disulfide	50.0	44.60		ug/L		89	61 - 137
Carbon tetrachloride	50.0	45.06		ug/L		90	61 - 137
Chlorobenzene	50.0	48.48		ug/L		97	70 - 130
Chlorobromomethane	50.0	46.20		ug/L		92	70 - 130
Chlorodibromomethane	50.0	45.93		ug/L		92	67 - 135

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

Lab Sample ID: LCS 400-733587/1003
Matrix: Water
Analysis Batch: 733587

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	49.46		ug/L		99	55 - 141
Chloroform	50.0	47.05		ug/L		94	69 - 130
Chloromethane	50.0	35.33		ug/L		71	58 - 137
2-Chlorotoluene	50.0	50.29		ug/L		101	70 - 130
4-Chlorotoluene	50.0	50.57		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	59.03		ug/L		118	68 - 130
cis-1,3-Dichloropropene	50.0	48.21		ug/L		96	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.27		ug/L		85	54 - 135
Dibromomethane	50.0	45.53		ug/L		91	70 - 130
1,2-Dichlorobenzene	50.0	49.36		ug/L		99	67 - 130
1,3-Dichlorobenzene	50.0	50.05		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	49.71		ug/L		99	70 - 130
Dichlorobromomethane	50.0	46.92		ug/L		94	67 - 133
1,1-Dichloroethane	50.0	49.04		ug/L		98	70 - 130
1,2-Dichloroethane	50.0	47.88		ug/L		96	69 - 130
1,1-Dichloroethene	50.0	46.94		ug/L		94	63 - 134
1,2-Dichloropropane	50.0	48.28		ug/L		97	70 - 130
1,3-Dichloropropane	50.0	46.19		ug/L		92	70 - 130
2,2-Dichloropropane	50.0	45.97		ug/L		92	52 - 135
1,1-Dichloropropene	50.0	47.31		ug/L		95	70 - 130
Ethyl acetate	100	80.45		ug/L		80	34 - 150
Ethylbenzene	50.0	48.41		ug/L		97	70 - 130
Ethylene Dibromide	50.0	45.01		ug/L		90	70 - 130
Hexachlorobutadiene	50.0	52.57		ug/L		105	53 - 140
Hexane	50.0	45.01		ug/L		90	69 - 130
2-Hexanone	200	187.5		ug/L		94	65 - 137
Iodomethane	50.0	26.36		ug/L		53	27 - 150
Isopropylbenzene	50.0	48.79		ug/L		98	70 - 130
Isopropyl ether	50.0	55.06		ug/L		110	64 - 132
4-Isopropyltoluene	50.0	50.72		ug/L		101	65 - 130
Methylene Chloride	50.0	44.50		ug/L		89	66 - 135
4-Methyl-2-pentanone (MIBK)	200	185.2		ug/L		93	69 - 138
Methyl tert-butyl ether	50.0	45.00		ug/L		90	66 - 130
m-Xylene & p-Xylene	50.0	48.86		ug/L		98	70 - 130
Naphthalene	50.0	45.63		ug/L		91	47 - 149
n-Butylbenzene	50.0	52.69		ug/L		105	67 - 130
n-Heptane	50.0	48.20		ug/L		96	70 - 130
N-Propylbenzene	50.0	51.09		ug/L		102	70 - 130
o-Xylene	50.0	48.98		ug/L		98	70 - 130
sec-Butylbenzene	50.0	50.76		ug/L		102	66 - 130
Styrene	50.0	47.58		ug/L		95	70 - 130
tert-Butylbenzene	50.0	48.87		ug/L		98	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.99		ug/L		94	67 - 131
1,1,2,2-Tetrachloroethane	50.0	45.25		ug/L		91	70 - 131
Tetrachloroethene	50.0	45.78		ug/L		92	65 - 130
Toluene	50.0	47.20		ug/L		94	70 - 130
trans-1,4-Dichloro-2-butene	50.0	43.89		ug/L		88	57 - 140
trans-1,2-Dichloroethene	50.0	47.21		ug/L		94	70 - 130
trans-1,3-Dichloropropene	50.0	46.19		ug/L		92	63 - 130

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

Lab Sample ID: LCS 400-733587/1003
Matrix: Water
Analysis Batch: 733587

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	49.98		ug/L		100	60 - 138
1,2,4-Trichlorobenzene	50.0	50.84		ug/L		102	60 - 140
1,1,1-Trichloroethane	50.0	46.66		ug/L		93	68 - 130
1,1,2-Trichloroethane	50.0	44.63		ug/L		89	70 - 130
Trichloroethene	50.0	46.72		ug/L		93	70 - 130
Trichlorofluoromethane	50.0	44.39		ug/L		89	65 - 138
1,2,3-Trichloropropane	50.0	43.24		ug/L		86	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.46		ug/L		95	60 - 139
1,2,4-Trimethylbenzene	50.0	50.33		ug/L		101	70 - 130
1,3,5-Trimethylbenzene	50.0	50.23		ug/L		100	69 - 130
Vinyl acetate	100	89.63		ug/L		90	26 - 150
Vinyl chloride	50.0	44.26		ug/L		89	59 - 136
Xylenes, Total	100	97.84		ug/L		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*56 - 136*
Dibromofluoromethane	*104*		*79 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 146*
Toluene-d8 (Surr)	*100*		*64 - 132*

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

Lab Sample ID: MB 400-733523/1-A
Matrix: Water
Analysis Batch: 733598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/11/25 15:01	12/12/25 14:53	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/11/25 15:01	12/12/25 14:53	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/11/25 15:01	12/12/25 14:53	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/11/25 15:01	12/12/25 14:53	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/11/25 15:01	12/12/25 14:53	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/11/25 15:01	12/12/25 14:53	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/11/25 15:01	12/12/25 14:53	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/11/25 15:01	12/12/25 14:53	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/11/25 15:01	12/12/25 14:53	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/11/25 15:01	12/12/25 14:53	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/11/25 15:01	12/12/25 14:53	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/11/25 15:01	12/12/25 14:53	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/11/25 15:01	12/12/25 14:53	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/11/25 15:01	12/12/25 14:53	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/11/25 15:01	12/12/25 14:53	1

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

Lab Sample ID: MB 400-733523/1-A
Matrix: Water
Analysis Batch: 733598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/11/25 15:01	12/12/25 14:53	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/11/25 15:01	12/12/25 14:53	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/11/25 15:01	12/12/25 14:53	1
Acenaphthene	ND		10.0	0.630	ug/L		12/11/25 15:01	12/12/25 14:53	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/11/25 15:01	12/12/25 14:53	1
Acetophenone	ND		10.0	3.20	ug/L		12/11/25 15:01	12/12/25 14:53	1
Anthracene	ND		10.0	0.910	ug/L		12/11/25 15:01	12/12/25 14:53	1
Atrazine	ND		10.0	1.13	ug/L		12/11/25 15:01	12/12/25 14:53	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/11/25 15:01	12/12/25 14:53	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/11/25 15:01	12/12/25 14:53	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/11/25 15:01	12/12/25 14:53	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/11/25 15:01	12/12/25 14:53	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/11/25 15:01	12/12/25 14:53	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/11/25 15:01	12/12/25 14:53	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/11/25 15:01	12/12/25 14:53	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/11/25 15:01	12/12/25 14:53	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/11/25 15:01	12/12/25 14:53	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/11/25 15:01	12/12/25 14:53	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/11/25 15:01	12/12/25 14:53	1
Caprolactam	ND		10.0	2.40	ug/L		12/11/25 15:01	12/12/25 14:53	1
Carbazole	ND		10.0	0.320	ug/L		12/11/25 15:01	12/12/25 14:53	1
Chrysene	ND		10.0	1.20	ug/L		12/11/25 15:01	12/12/25 14:53	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/11/25 15:01	12/12/25 14:53	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/11/25 15:01	12/12/25 14:53	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/11/25 15:01	12/12/25 14:53	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/11/25 15:01	12/12/25 14:53	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/11/25 15:01	12/12/25 14:53	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/11/25 15:01	12/12/25 14:53	1
Fluoranthene	ND		10.0	0.630	ug/L		12/11/25 15:01	12/12/25 14:53	1
Fluorene	ND		10.0	0.670	ug/L		12/11/25 15:01	12/12/25 14:53	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/11/25 15:01	12/12/25 14:53	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/11/25 15:01	12/12/25 14:53	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/11/25 15:01	12/12/25 14:53	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/11/25 15:01	12/12/25 14:53	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/11/25 15:01	12/12/25 14:53	1
Isophorone	ND		10.0	0.800	ug/L		12/11/25 15:01	12/12/25 14:53	1
Naphthalene	ND		10.0	0.750	ug/L		12/11/25 15:01	12/12/25 14:53	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/11/25 15:01	12/12/25 14:53	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/11/25 15:01	12/12/25 14:53	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/11/25 15:01	12/12/25 14:53	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/11/25 15:01	12/12/25 14:53	1
Phenanthrene	ND		10.0	0.740	ug/L		12/11/25 15:01	12/12/25 14:53	1
Phenol	ND		10.0	0.680	ug/L		12/11/25 15:01	12/12/25 14:53	1
Pyrene	ND		10.0	0.630	ug/L		12/11/25 15:01	12/12/25 14:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*12/11/25 15:01*	*12/12/25 14:53*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*12/11/25 15:01*	*12/12/25 14:53*	*1*

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

Lab Sample ID: MB 400-733523/1-A
Matrix: Water
Analysis Batch: 733598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733523

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	*75*		*10 - 150*	*12/11/25 15:01*	*12/12/25 14:53*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*	*12/11/25 15:01*	*12/12/25 14:53*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*12/11/25 15:01*	*12/12/25 14:53*	*1*
Terphenyl-d14 (Surr)	*79*		*28 - 150*	*12/11/25 15:01*	*12/12/25 14:53*	*1*

Lab Sample ID: LCS 400-733523/2-A
Matrix: Water
Analysis Batch: 733598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	26.59		ug/L		80	27 - 120
2,4,5-Trichlorophenol	33.3	33.76		ug/L		101	27 - 136
2,4,6-Trichlorophenol	33.3	33.23		ug/L		100	21 - 132
2,4-Dichlorophenol	33.3	27.54		ug/L		83	30 - 125
2,4-Dimethylphenol	33.3	24.04		ug/L		72	10 - 142
2,4-Dinitrophenol	66.7	59.79		ug/L		90	10 - 150
2,4-Dinitrotoluene	33.3	28.40		ug/L		85	30 - 129
2,6-Dinitrotoluene	33.3	29.83		ug/L		89	34 - 132
2-Chloronaphthalene	33.3	24.68		ug/L		74	10 - 150
2-Chlorophenol	33.3	29.08		ug/L		87	28 - 127
2-Methylnaphthalene	33.3	23.49		ug/L		70	24 - 150
2-Methylphenol	33.3	29.16		ug/L		87	11 - 121
2-Nitroaniline	33.3	31.05		ug/L		93	31 - 141
2-Nitrophenol	33.3	30.14		ug/L		90	31 - 142
3 & 4 Methylphenol	33.3	31.62		ug/L		95	10 - 150
3,3'-Dichlorobenzidine	66.7	45.01		ug/L		68	10 - 150
3-Nitroaniline	33.3	28.66		ug/L		86	33 - 136
4,6-Dinitro-2-methylphenol	66.7	61.88		ug/L		93	10 - 150
4-Bromophenyl phenyl ether	33.3	24.02		ug/L		72	24 - 120
4-Chloro-3-methylphenol	33.3	27.77		ug/L		83	10 - 137
4-Chloroaniline	33.3	24.80		ug/L		74	10 - 150
4-Chlorophenyl phenyl ether	33.3	25.97		ug/L		78	31 - 110
4-Nitroaniline	33.3	31.09		ug/L		93	37 - 139
4-Nitrophenol	66.7	61.84		ug/L		93	10 - 150
Acenaphthene	33.3	27.11		ug/L		81	29 - 150
Acenaphthylene	33.3	28.33		ug/L		85	30 - 150
Acetophenone	33.3	24.19		ug/L		73	27 - 119
Anthracene	33.3	25.27		ug/L		76	31 - 150
Atrazine	33.3	26.83		ug/L		80	10 - 150
Benzaldehyde	33.3	25.33		ug/L		76	10 - 150
Benzo[a]anthracene	33.3	25.14		ug/L		75	36 - 150
Benzo[a]pyrene	33.3	25.80		ug/L		77	29 - 150
Benzo[b]fluoranthene	33.3	26.83		ug/L		80	32 - 150
Benzo[g,h,i]perylene	33.3	25.89		ug/L		78	28 - 150
Benzo[k]fluoranthene	33.3	26.32		ug/L		79	30 - 150
bis (2-chloroisopropyl) ether	33.3	23.39		ug/L		70	32 - 115
Bis(2-chloroethoxy)methane	33.3	29.88		ug/L		90	34 - 120
Bis(2-chloroethyl)ether	33.3	28.17		ug/L		84	32 - 114

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

Lab Sample ID: LCS 400-733523/2-A
Matrix: Water
Analysis Batch: 733598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	33.3	28.42		ug/L		85	24 - 133
Butyl benzyl phthalate	33.3	27.88		ug/L		84	24 - 140
Caprolactam	33.3	21.83		ug/L		65	10 - 150
Carbazole	33.3	23.37		ug/L		70	28 - 123
Chrysene	33.3	24.03		ug/L		72	34 - 150
Dibenz(a,h)anthracene	33.3	24.50		ug/L		73	29 - 150
Dibenzofuran	33.3	25.12		ug/L		75	35 - 110
Diethyl phthalate	33.3	27.08		ug/L		81	31 - 118
Dimethyl phthalate	33.3	25.97		ug/L		78	24 - 125
Di-n-butyl phthalate	33.3	25.50		ug/L		77	30 - 127
Di-n-octyl phthalate	33.3	28.80		ug/L		86	28 - 142
Fluoranthene	33.3	25.64		ug/L		77	30 - 150
Fluorene	33.3	27.01		ug/L		81	30 - 150
Hexachlorobenzene	33.3	24.99		ug/L		75	29 - 113
Hexachlorobutadiene	33.3	16.82		ug/L		50	10 - 117
Hexachlorocyclopentadiene	33.3	17.28	J	ug/L		52	10 - 150
Hexachloroethane	33.3	17.42		ug/L		52	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	24.38		ug/L		73	28 - 150
Isophorone	33.3	26.30		ug/L		79	29 - 125
Naphthalene	33.3	20.44		ug/L		61	27 - 150
Nitrobenzene	33.3	26.48		ug/L		79	29 - 129
N-Nitrosodi-n-propylamine	33.3	30.09		ug/L		90	50 - 134
N-Nitrosodiphenylamine	33.1	25.82		ug/L		78	50 - 132
Pentachlorophenol	66.7	57.85		ug/L		87	14 - 150
Phenanthrene	33.3	24.63		ug/L		74	32 - 150
Phenol	33.3	33.51		ug/L		101	10 - 150
Pyrene	33.3	25.47		ug/L		76	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*
2-Fluorophenol (Surr)	*80*		*10 - 150*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*
Phenol-d5 (Surr)	*95*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

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

Lab Sample ID: MB 400-733341/1-A
Matrix: Water
Analysis Batch: 733521

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/10/25 13:33	12/11/25 17:54	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/10/25 13:33*	*12/11/25 17:54*	*1*

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

Lab Sample ID: LCS 400-733341/2-A
Matrix: Water
Analysis Batch: 733521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733341

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	17.24		ug/L		108	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*42*		*10 - 140*

Lab Sample ID: LCSD 400-733341/3-A
Matrix: Water
Analysis Batch: 733521

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733341

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	16.81		ug/L		105	30 - 150	3	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*37*		*10 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-100335/1-A
Matrix: Water
Analysis Batch: 100558

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 100335

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/09/25 16:25	12/09/25 20:41	1
Arsenic	ND		5.00	1.32	ug/L		12/09/25 16:25	12/09/25 20:41	1
Barium	ND		10.0	0.410	ug/L		12/09/25 16:25	12/09/25 20:41	1
Beryllium	ND		1.00	0.147	ug/L		12/09/25 16:25	12/09/25 20:41	1
Cadmium	ND		0.700	0.237	ug/L		12/09/25 16:25	12/09/25 20:41	1
Chromium	ND		5.00	3.69	ug/L		12/09/25 16:25	12/09/25 20:41	1
Cobalt	ND		5.00	0.411	ug/L		12/09/25 16:25	12/09/25 20:41	1
Copper	ND		2.00	0.642	ug/L		12/09/25 16:25	12/09/25 20:41	1
Lead	ND		1.00	0.864	ug/L		12/09/25 16:25	12/09/25 20:41	1
Manganese	ND		5.00	1.29	ug/L		12/09/25 16:25	12/09/25 20:41	1
Nickel	ND		5.00	0.422	ug/L		12/09/25 16:25	12/09/25 20:41	1
Selenium	ND		5.00	2.29	ug/L		12/09/25 16:25	12/09/25 20:41	1
Silver	ND		1.00	0.167	ug/L		12/09/25 16:25	12/09/25 20:41	1
Thallium	ND		1.00	0.190	ug/L		12/09/25 16:25	12/09/25 20:41	1
Vanadium	ND		5.00	1.22	ug/L		12/09/25 16:25	12/09/25 20:41	1
Zinc	ND		10.0	8.91	ug/L		12/09/25 16:25	12/09/25 20:41	1

Lab Sample ID: LCS 705-100335/2-A
Matrix: Water
Analysis Batch: 100558

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 100335

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	103.3		ug/L		103	80 - 120		
Arsenic			100	104.0		ug/L		104	80 - 120		
Barium			100	102.4		ug/L		102	80 - 120		
Beryllium			100	105.4		ug/L		105	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-100335/2-A
Matrix: Water
Analysis Batch: 100558

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 100335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	96.57		ug/L		97	80 - 120
Chromium	100	101.4		ug/L		101	80 - 120
Cobalt	100	104.4		ug/L		104	80 - 120
Copper	100	104.8		ug/L		105	80 - 120
Lead	100	107.3		ug/L		107	80 - 120
Manganese	100	102.2		ug/L		102	80 - 120
Nickel	100	105.1		ug/L		105	80 - 120
Selenium	100	97.88		ug/L		98	80 - 120
Silver	10.0	10.68		ug/L		107	80 - 120
Thallium	100	105.1		ug/L		105	80 - 120
Vanadium	100	103.5		ug/L		104	80 - 120
Zinc	100	101.4		ug/L		101	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-101009/1-A
Matrix: Water
Analysis Batch: 101340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/11/25 19:50	12/12/25 01:02	1

Lab Sample ID: LCS 705-101009/2-A
Matrix: Water
Analysis Batch: 101340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101009

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.306		ug/L		108	80 - 120

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia

Lab Sample ID: MB 680-887595/13
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 11:27	1

Lab Sample ID: MB 680-887595/52
Matrix: Water
Analysis Batch: 887595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			12/10/25 13:45	1

Method: 350.1-1993 R2.0 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 680-887595/14
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9925		mg/L		99	90 - 110

Lab Sample ID: LCS 680-887595/53
Matrix: Water
Analysis Batch: 887595

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.9883		mg/L		99	90 - 110

Lab Sample ID: 752-39988-1 MS
Matrix: Water
Analysis Batch: 887595

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND	F1	1.00	1.049		mg/L		105	90 - 110

Lab Sample ID: 752-39988-1 MSD
Matrix: Water
Analysis Batch: 887595

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND	F1	1.00	1.235	F1	mg/L		124	90 - 110	16	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14315/41
Matrix: Water
Analysis Batch: 14315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/05/25 15:34	1

Lab Sample ID: LCS 752-14315/44
Matrix: Water
Analysis Batch: 14315

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	0.9718		mg/L		97	90 - 110

Lab Sample ID: LCSD 752-14315/60
Matrix: Water
Analysis Batch: 14315

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	1.00	0.9636		mg/L		96	90 - 110	1	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887632/3
Matrix: Water
Analysis Batch: 887632

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	0.05600	J	0.100	0.0100	mg/L			12/12/25 13:56	1

Lab Sample ID: LCS 680-887632/4
Matrix: Water
Analysis Batch: 887632

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	0.9590		mg/L		96	90 - 110

Lab Sample ID: 752-39988-1 MS
Matrix: Water
Analysis Batch: 887632

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.0790	J B F1	1.00	0.8420	F1	mg/L		76	90 - 110

Lab Sample ID: 752-39988-1 MSD
Matrix: Water
Analysis Batch: 887632

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.0790	J B F1	1.00	0.8700	F1	mg/L		79	90 - 110	3	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-733704/12
Matrix: Water
Analysis Batch: 733704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/12/25 16:12	1

Lab Sample ID: MB 400-733704/43
Matrix: Water
Analysis Batch: 733704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			12/12/25 16:28	1

Lab Sample ID: LCS 400-733704/13
Matrix: Water
Analysis Batch: 733704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.14		mg/L		94	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-733704/44
Matrix: Water
Analysis Batch: 733704

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	14.63		mg/L		98	90 - 110		

Lab Sample ID: MRL 400-733704/58
Matrix: Water
Analysis Batch: 733704

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	4.099	J	mg/L		82	50 - 150		

Lab Sample ID: 752-39988-2 MS
Matrix: Water
Analysis Batch: 733704

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	9.94	F2 F1	10.0	20.58		mg/L		106	77 - 128		

Lab Sample ID: 752-39988-2 MSD
Matrix: Water
Analysis Batch: 733704

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	9.94	F2 F1	10.0	33.79	F1 F2	mg/L		238	77 - 128	49	5

GC/MS VOA

Analysis Batch: 733587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	8260D	
752-39988-2	MW-2	Total/NA	Water	8260D	
752-39988-3	MW-3	Total/NA	Water	8260D	
752-39988-4	MW-6	Total/NA	Water	8260D	
752-39988-5	MW-7	Total/NA	Water	8260D	
752-39988-6	MW-8	Total/NA	Water	8260D	
752-39988-7	120525-Dup-1	Total/NA	Water	8260D	
752-39988-8	Trip Blank	Total/NA	Water	8260D	
MB 400-733587/5	Method Blank	Total/NA	Water	8260D	
LCS 400-733587/1003	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	3510C	
752-39988-2	MW-2	Total/NA	Water	3510C	
752-39988-3	MW-3	Total/NA	Water	3510C	
752-39988-4	MW-6	Total/NA	Water	3510C	
752-39988-5	MW-7	Total/NA	Water	3510C	
752-39988-6	MW-8	Total/NA	Water	3510C	
752-39988-7	120525-Dup-1	Total/NA	Water	3510C	
MB 400-733341/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-733341/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-733341/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 733521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	8270E SIM ID	733341
752-39988-2	MW-2	Total/NA	Water	8270E SIM ID	733341
752-39988-3	MW-3	Total/NA	Water	8270E SIM ID	733341
752-39988-4	MW-6	Total/NA	Water	8270E SIM ID	733341
752-39988-5	MW-7	Total/NA	Water	8270E SIM ID	733341
752-39988-6	MW-8	Total/NA	Water	8270E SIM ID	733341
752-39988-7	120525-Dup-1	Total/NA	Water	8270E SIM ID	733341
MB 400-733341/1-A	Method Blank	Total/NA	Water	8270E SIM ID	733341
LCS 400-733341/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	733341
LCSD 400-733341/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	733341

Prep Batch: 733523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	3511	
752-39988-2	MW-2	Total/NA	Water	3511	
752-39988-3	MW-3	Total/NA	Water	3511	
752-39988-4	MW-6	Total/NA	Water	3511	
752-39988-5	MW-7	Total/NA	Water	3511	
752-39988-6	MW-8	Total/NA	Water	3511	
752-39988-7	120525-Dup-1	Total/NA	Water	3511	
MB 400-733523/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-733523/2-A	Lab Control Sample	Total/NA	Water	3511	

QC Association Summary

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

GC/MS Semi VOA

Analysis Batch: 733598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	8270E	733523
752-39988-2	MW-2	Total/NA	Water	8270E	733523
752-39988-3	MW-3	Total/NA	Water	8270E	733523
752-39988-4	MW-6	Total/NA	Water	8270E	733523
752-39988-5	MW-7	Total/NA	Water	8270E	733523
752-39988-6	MW-8	Total/NA	Water	8270E	733523
752-39988-7	120525-Dup-1	Total/NA	Water	8270E	733523
MB 400-733523/1-A	Method Blank	Total/NA	Water	8270E	733523
LCS 400-733523/2-A	Lab Control Sample	Total/NA	Water	8270E	733523

Metals

Prep Batch: 100335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total Recoverable	Water	3005A	
752-39988-2	MW-2	Total Recoverable	Water	3005A	
752-39988-3	MW-3	Total Recoverable	Water	3005A	
752-39988-4	MW-6	Total Recoverable	Water	3005A	
752-39988-5	MW-7	Total Recoverable	Water	3005A	
752-39988-6	MW-8	Total Recoverable	Water	3005A	
752-39988-7	120525-Dup-1	Total Recoverable	Water	3005A	
MB 705-100335/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-100335/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 100558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-100335/1-A	Method Blank	Total Recoverable	Water	6020B	100335
LCS 705-100335/2-A	Lab Control Sample	Total Recoverable	Water	6020B	100335

Analysis Batch: 100932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total Recoverable	Water	6020B	100335
752-39988-2	MW-2	Total Recoverable	Water	6020B	100335
752-39988-3	MW-3	Total Recoverable	Water	6020B	100335
752-39988-4	MW-6	Total Recoverable	Water	6020B	100335
752-39988-5	MW-7	Total Recoverable	Water	6020B	100335
752-39988-6	MW-8	Total Recoverable	Water	6020B	100335
752-39988-7	120525-Dup-1	Total Recoverable	Water	6020B	100335

Prep Batch: 101009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	7470A	
752-39988-2	MW-2	Total/NA	Water	7470A	
752-39988-3	MW-3	Total/NA	Water	7470A	
752-39988-4	MW-6	Total/NA	Water	7470A	
752-39988-5	MW-7	Total/NA	Water	7470A	
752-39988-6	MW-8	Total/NA	Water	7470A	
752-39988-7	120525-Dup-1	Total/NA	Water	7470A	
MB 705-101009/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-101009/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals

Analysis Batch: 101340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	7470A	101009
752-39988-2	MW-2	Total/NA	Water	7470A	101009
752-39988-3	MW-3	Total/NA	Water	7470A	101009
752-39988-4	MW-6	Total/NA	Water	7470A	101009
752-39988-5	MW-7	Total/NA	Water	7470A	101009
752-39988-6	MW-8	Total/NA	Water	7470A	101009
752-39988-7	120525-Dup-1	Total/NA	Water	7470A	101009
MB 705-101009/1-A	Method Blank	Total/NA	Water	7470A	101009
LCS 705-101009/2-A	Lab Control Sample	Total/NA	Water	7470A	101009

Analysis Batch: 101377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total Recoverable	Water	6020B	100335
752-39988-2	MW-2	Total Recoverable	Water	6020B	100335
752-39988-3	MW-3	Total Recoverable	Water	6020B	100335
752-39988-4	MW-6	Total Recoverable	Water	6020B	100335
752-39988-5	MW-7	Total Recoverable	Water	6020B	100335
752-39988-6	MW-8	Total Recoverable	Water	6020B	100335
752-39988-7	120525-Dup-1	Total Recoverable	Water	6020B	100335

General Chemistry

Analysis Batch: 14315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	353.2	
752-39988-2	MW-2	Total/NA	Water	353.2	
752-39988-3	MW-3	Total/NA	Water	353.2	
752-39988-4	MW-6	Total/NA	Water	353.2	
752-39988-5	MW-7	Total/NA	Water	353.2	
752-39988-6	MW-8	Total/NA	Water	353.2	
752-39988-7	120525-Dup-1	Total/NA	Water	353.2	
MB 752-14315/41	Method Blank	Total/NA	Water	353.2	
LCS 752-14315/44	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14315/60	Lab Control Sample Dup	Total/NA	Water	353.2	

Analysis Batch: 733704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	SM 4500 SO4 E	
752-39988-2	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39988-3	MW-3	Total/NA	Water	SM 4500 SO4 E	
752-39988-4	MW-6	Total/NA	Water	SM 4500 SO4 E	
752-39988-5	MW-7	Total/NA	Water	SM 4500 SO4 E	
752-39988-6	MW-8	Total/NA	Water	SM 4500 SO4 E	
752-39988-7	120525-Dup-1	Total/NA	Water	SM 4500 SO4 E	
MB 400-733704/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
MB 400-733704/43	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-733704/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
LCS 400-733704/44	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-733704/58	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-39988-2 MS	MW-2	Total/NA	Water	SM 4500 SO4 E	
752-39988-2 MSD	MW-2	Total/NA	Water	SM 4500 SO4 E	

General Chemistry

Analysis Batch: 887595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39988-2	MW-2	Total/NA	Water	350.1-1993 R2.0	
752-39988-3	MW-3	Total/NA	Water	350.1-1993 R2.0	
752-39988-4	MW-6	Total/NA	Water	350.1-1993 R2.0	
752-39988-5	MW-7	Total/NA	Water	350.1-1993 R2.0	
752-39988-6	MW-8	Total/NA	Water	350.1-1993 R2.0	
752-39988-7	120525-Dup-1	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-887595/52	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887595/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887595/53	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-39988-1 MS	MW-1	Total/NA	Water	350.1-1993 R2.0	
752-39988-1 MSD	MW-1	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-39988-2	MW-2	Total/NA	Water	353.2-1993 R2.0	
752-39988-3	MW-3	Total/NA	Water	353.2-1993 R2.0	
752-39988-4	MW-6	Total/NA	Water	353.2-1993 R2.0	
752-39988-5	MW-7	Total/NA	Water	353.2-1993 R2.0	
752-39988-6	MW-8	Total/NA	Water	353.2-1993 R2.0	
752-39988-7	120525-Dup-1	Total/NA	Water	353.2-1993 R2.0	
MB 680-887632/3	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887632/4	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-39988-1 MS	MW-1	Total/NA	Water	353.2-1993 R2.0	
752-39988-1 MSD	MW-1	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39988-1	MW-1	Total/NA	Water	Nitrate by calc	
752-39988-2	MW-2	Total/NA	Water	Nitrate by calc	
752-39988-3	MW-3	Total/NA	Water	Nitrate by calc	
752-39988-4	MW-6	Total/NA	Water	Nitrate by calc	
752-39988-5	MW-7	Total/NA	Water	Nitrate by calc	
752-39988-6	MW-8	Total/NA	Water	Nitrate by calc	
752-39988-7	120525-Dup-1	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-1

Lab Sample ID: 752-39988-1

Date Collected: 12/05/25 09:30
Date Received: 12/05/25 14:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 16:00
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 20:26
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 18:58
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:02
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:07
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:19
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 15:17
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:43
Total/NA	Analysis	353.2-1993 R2.0		1	887632	NVF	EET SAV	12/12/25 14:00
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:27

Client Sample ID: MW-2

Lab Sample ID: 752-39988-2

Date Collected: 12/05/25 10:15
Date Received: 12/05/25 14:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 16:20
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 20:58
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 19:19
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:05
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:10
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:33
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 11:43
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:44
Total/NA	Analysis	353.2-1993 R2.0		1	887632	NVF	EET SAV	12/12/25 14:05
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:29

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

Client Sample ID: MW-3
Lab Sample ID: 752-39988-3
Date Collected: 12/05/25 11:35
Matrix: Water
Date Received: 12/05/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 16:41
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 21:31
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 19:40
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:07
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:12
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:37
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 11:45
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:44
Total/NA	Analysis	353.2-1993 R2.0		1	887632	NVF	EET SAV	12/12/25 14:06
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:31

Client Sample ID: MW-6
Lab Sample ID: 752-39988-4
Date Collected: 12/05/25 12:55
Matrix: Water
Date Received: 12/05/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 17:02
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 22:04
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 20:02
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:10
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:15
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:40
Total/NA	Analysis	350.1-1993 R2.0		5	887595	DJ	EET SAV	12/10/25 16:41
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:45
Total/NA	Analysis	353.2-1993 R2.0		1	887632	NVF	EET SAV	12/12/25 14:07
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:31

Lab Chronicle

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Client Sample ID: MW-7

Lab Sample ID: 752-39988-5

Date Collected: 12/05/25 12:00

Matrix: Water

Date Received: 12/05/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 17:22
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 22:36
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 20:23
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:12
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:17
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:44
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 11:51
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:46
Total/NA	Analysis	353.2-1993 R2.0		20	887632	NVF	EET SAV	12/12/25 14:08
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:32

Client Sample ID: MW-8

Lab Sample ID: 752-39988-6

Date Collected: 12/05/25 11:00

Matrix: Water

Date Received: 12/05/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 17:43
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 23:09
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 20:44
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:14
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:19
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:47
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 11:53
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:47
Total/NA	Analysis	353.2-1993 R2.0		1	887632	NVF	EET SAV	12/12/25 14:09
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:32

Lab Chronicle

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

Client Sample ID: 120525-Dup-1
Lab Sample ID: 752-39988-7
Date Collected: 12/05/25 00:00
Matrix: Water
Date Received: 12/05/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 18:04
Total/NA	Prep	3511			733523	AMM	EET PEN	12/11/25 15:01
Total/NA	Analysis	8270E		1	733598	JAW	EET PEN	12/12/25 23:41
Total/NA	Prep	3510C			733341	AMM	EET PEN	12/10/25 13:33
Total/NA	Analysis	8270E SIM ID		1	733521	VC1	EET PEN	12/11/25 21:05
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	100932	TT	EET ATL	12/11/25 04:17
Total Recoverable	Prep	3005A			100335	TR	EET ATL	12/09/25 16:25
Total Recoverable	Analysis	6020B		1	101377	TT	EET ATL	12/11/25 22:22
Total/NA	Prep	7470A			101009	TA	EET ATL	12/11/25 19:50
Total/NA	Analysis	7470A		1	101340	TA	EET ATL	12/12/25 01:51
Total/NA	Analysis	350.1-1993 R2.0		1	887595	DJ	EET SAV	12/10/25 11:56
Total/NA	Analysis	353.2		1	14315	CB	EET RAL	12/05/25 15:48
Total/NA	Analysis	353.2-1993 R2.0		1	887632	NVF	EET SAV	12/12/25 14:10
Total/NA	Analysis	Nitrate by calc		1	887641	ALG	EET SAV	12/15/25 09:38
Total/NA	Analysis	SM 4500 SO4 E		1	733704	CJK	EET PEN	12/12/25 16:33

Client Sample ID: Trip Blank
Lab Sample ID: 752-39988-8
Date Collected: 12/05/25 00:00
Matrix: Water
Date Received: 12/05/25 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	733587	BPO	EET PEN	12/12/25 14:37

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

Client: S&ME Inc
Job ID: 752-39988-1
Project/Site: East End Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-39988-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-39988-1	MW-1	Water	12/05/25 09:30	12/05/25 14:20	North Carolina
752-39988-2	MW-2	Water	12/05/25 10:15	12/05/25 14:20	North Carolina
752-39988-3	MW-3	Water	12/05/25 11:35	12/05/25 14:20	North Carolina
752-39988-4	MW-6	Water	12/05/25 12:55	12/05/25 14:20	North Carolina
752-39988-5	MW-7	Water	12/05/25 12:00	12/05/25 14:20	North Carolina
752-39988-6	MW-8	Water	12/05/25 11:00	12/05/25 14:20	North Carolina
752-39988-7	120525-Dup-1	Water	12/05/25 00:00	12/05/25 14:20	North Carolina
752-39988-8	Trip Blank	Water	12/05/25 00:00	12/05/25 14:20	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: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170286-59891.1
Client Contact: Jerry Paul	Phone: (580)337-7891	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630			
Email: jpaul@smeinc.com	WO #:			
Project Name: ~~Wellborn Farm~~ East End Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
MW-1	12/5/25	0930	G	W			X	X	X	X	X	X	X		
MW-2		1015					X	X	X	X	X	X	X		
MW-3		1135					X	X	X	X	X	X	X		
MW-6		1255					X	X	X	X	X	X	X		
MW-7		1200					X	X	X	X	X	X	X		
MW-8		1100					X	X	X	X	X	X	X		
120525-DUP-1		—					X	X	X	X	X	X	X		
TRIP BLANK															

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-39988 COC

Other:

NELAC EQuIS EDDs

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/5/25 1420	S&ME		12/5/25 1420	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.3/4.1°C, 3.6/3.4°C

12/15/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7457 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 #: 752-39988-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030CVOC NC 02L List	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_D5/3510C_LVI1,4 Dioxane	SM4500_SO4_ESulfate, Total	Total Number of Containers
			Preservation Code:								
MW-1 (752-39988-1)	12/5/25	09 30 Eastern	G	Water			X	X	X	X	3
MW-2 (752-39988-2)	12/5/25	10:15 Eastern	G	Water			X	X	X	X	3
MW-3 (752-39988-3)	12/5/25	11 35 Eastern	G	Water			X	X	X	X	3
MW-6 (752-39988-4)	12/5/25	12 55 Eastern	G	Water			X	X	X	X	3
MW-7 (752-39988-5)	12/5/25	12.00 Eastern	G	Water			X	X	X	X	3
MW-8 (752-39988-6)	12/5/25	11 00 Eastern	G	Water			X	X	X	X	3
120525-Dup-1 (752-39988-7)	12/5/25	Eastern	G	Water			X	X	X	X	3
Trip Blank (752-39988-8)	12/5/25	Eastern	G	Water			X				2

Special Instructions/Note:

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	96	12/8/25 15:30			12/9/25 9:48	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: 1.7°C, 1.8°C, 3.0°C, 1.8°C, 2.6°C, 0.7°C IR11

Ver 10/10/2024

12/15/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7459.1
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 #: 752-39988-1
Address: 5102 LaRoche Avenue, ,	Due Date Requested: 12/15/2025			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31404				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(MOD) Ammonia	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-1 (752-39988-1)	12/5/25	09:30 Eastern	G	Water			X	X	X	1	
MW-2 (752-39988-2)	12/5/25	10:15 Eastern	G	Water			X	X	X	1	
MW-3 (752-39988-3)	12/5/25	11:35 Eastern	G	Water			X	X	X	1	
MW-6 (752-39988-4)	12/5/25	12:55 Eastern	G	Water			X	X	X	1	
MW-7 (752-39988-5)	12/5/25	12:00 Eastern	G	Water			X	X	X	1	
MW-8 (752-39988-6)	12/5/25	11:00 Eastern	G	Water			X	X	X	1	
120525-Dup-1 (752-39988-7)	12/5/25	Eastern	G	Water			X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PG	12/8/25 15:30			12/9/25 1100	
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: 0.6/0.7

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: 752-7458.1
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 #: 752-39988-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/15/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-1 (752-39988-1)	12/5/25	09:30 Eastern	G	Water			X	X	1	
MW-2 (752-39988-2)	12/5/25	10:15 Eastern	G	Water			X	X	1	
MW-3 (752-39988-3)	12/5/25	11:35 Eastern	G	Water			X	X	1	
MW-6 (752-39988-4)	12/5/25	12:55 Eastern	G	Water			X	X	1	
MW-7 (752-39988-5)	12/5/25	12:00 Eastern	G	Water			X	X	1	
MW-8 (752-39988-6)	12/5/25	11:00 Eastern	G	Water			X	X	1	
120525-Dup-1 (752-39988-7)	12/5/25	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	PB	12/8/25 15:30			12/9/25 1137	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.6#1665

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-39988-1

Login Number: 39988

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: 752-39988-1

Login Number: 39988
List Number: 3
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta
List Creation: 12/09/25 01:02 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: 752-39988-1

Login Number: 39988
List Number: 4
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 12/10/25 10:50 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7°C, 1.8°C, 3.0°C, 1.8°C, 0.7°C, 2.6°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.	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: 752-39988-1

Login Number: 39988
List Number: 2
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 12/09/25 11:24 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	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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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/22/2025 6:47:46 AM

JOB DESCRIPTION

East End Park

JOB NUMBER

752-40093-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization

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12/22/2025 6:47:46 AM

Authorized for release by
Chad Bechtold, Project Manager
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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-40093-1
Project/Site: East End Park

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

Glossary

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

Job Narrative
752-40093-1

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

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

Receipt
The samples were received on 12/10/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°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: East End Park

Job ID: 752-40093-1

Client Sample ID: MW-4 — Lab Sample ID: 752-40093-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	6.09		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	29.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	4.12	J	5.00	3.69	ug/L	1		6020B	Total Recoverable
Copper	25.5		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	10.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	5.28		5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	3.09	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	84.6		10.0	8.91	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-5 — Lab Sample ID: 752-40093-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	5.24	J	10.2	0.641	ug/L	1		8270E	Total/NA
Fluorene	2.56	J	10.2	0.681	ug/L	1		8270E	Total/NA
Phenanthrene	2.51	J	10.2	0.753	ug/L	1		8270E	Total/NA
Sulfate	2.69		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	3.69	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	449		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	3.27	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	3750		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.655	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	17.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	1.77		0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 120925-Dup-1 — Lab Sample ID: 752-40093-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	5.38	J	10.2	0.641	ug/L	1		8270E	Total/NA
Fluorene	2.75	J	10.2	0.681	ug/L	1		8270E	Total/NA
Phenanthrene	2.68	J	10.2	0.753	ug/L	1		8270E	Total/NA
Sulfate	2.60		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	4.02	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	450		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	2.81	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	3570		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.562	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	27.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	1.89		0.100	0.0184	mg/L	1		350.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Client Sample ID: MW-4
Date Collected: 12/09/25 10:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-1
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			12/17/25 19:05	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 19:05	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 19:05	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 19:05	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 19:05	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 19:05	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 19:05	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 19:05	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 19:05	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 19:05	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 19:05	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 19:05	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 19:05	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 19:05	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 19:05	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 19:05	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 19:05	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 19:05	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 19:05	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 19:05	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 19:05	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 19:05	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 19:05	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 19:05	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 19:05	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 19:05	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 19:05	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 19:05	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 19:05	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 19:05	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 19:05	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 15:50	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 19:05	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 19:05	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 19:05	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 19:05	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 19:05	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 19:05	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 19:05	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 19:05	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 19:05	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 19:05	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 19:05	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 19:05	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 19:05	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 19:05	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 19:05	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 19:05	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 19:05	1

Client Sample ID: MW-4
Date Collected: 12/09/25 10:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-1
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			12/17/25 19:05	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 19:05	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 19:05	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 19:05	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 19:05	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 19:05	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 19:05	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 19:05	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 19:05	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 19:05	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 19:05	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 19:05	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 19:05	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 19:05	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 19:05	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 19:05	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 19:05	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 19:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 19:05	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 19:05	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 19:05	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 19:05	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 19:05	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/17/25 19:05*	*1*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/18/25 15:50*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/17/25 19:05*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/18/25 15:50*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/17/25 19:05*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 15:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/12/25 11:54	12/12/25 22:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 140*	*12/12/25 11:54*	*12/12/25 22:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.430	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/15/25 10:03	12/17/25 12:06	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/15/25 10:03	12/17/25 12:06	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/15/25 10:03	12/17/25 12:06	1

Client: S&ME Inc
Job ID: 752-40093-1
Project/Site: East End Park

Client Sample ID: MW-4
Lab Sample ID: 752-40093-1
Date Collected: 12/09/25 10:45
Matrix: Water
Date Received: 12/10/25 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.2	0.860	ug/L		12/15/25 10:03	12/17/25 12:06	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/15/25 10:03	12/17/25 12:06	1
2-Methylphenol	ND		10.2	0.778	ug/L		12/15/25 10:03	12/17/25 12:06	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/15/25 10:03	12/17/25 12:06	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/15/25 10:03	12/17/25 12:06	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/15/25 10:03	12/17/25 12:06	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/15/25 10:03	12/17/25 12:06	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/15/25 10:03	12/17/25 12:06	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/15/25 10:03	12/17/25 12:06	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/15/25 10:03	12/17/25 12:06	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/15/25 10:03	12/17/25 12:06	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/15/25 10:03	12/17/25 12:06	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/15/25 10:03	12/17/25 12:06	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/15/25 10:03	12/17/25 12:06	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/15/25 10:03	12/17/25 12:06	1
Acenaphthene	ND		10.2	0.645	ug/L		12/15/25 10:03	12/17/25 12:06	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/15/25 10:03	12/17/25 12:06	1
Acetophenone	ND		10.2	3.28	ug/L		12/15/25 10:03	12/17/25 12:06	1
Anthracene	ND		10.2	0.932	ug/L		12/15/25 10:03	12/17/25 12:06	1
Atrazine	ND		10.2	1.16	ug/L		12/15/25 10:03	12/17/25 12:06	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/15/25 10:03	12/17/25 12:06	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:03	12/17/25 12:06	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/15/25 10:03	12/17/25 12:06	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/15/25 10:03	12/17/25 12:06	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/15/25 10:03	12/17/25 12:06	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/15/25 10:03	12/17/25 12:06	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/15/25 10:03	12/17/25 12:06	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/15/25 10:03	12/17/25 12:06	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		12/15/25 10:03	12/17/25 12:06	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/15/25 10:03	12/17/25 12:06	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:03	12/17/25 12:06	1
Caprolactam	ND		10.2	2.46	ug/L		12/15/25 10:03	12/17/25 12:06	1
Carbazole	ND		10.2	0.328	ug/L		12/15/25 10:03	12/17/25 12:06	1
Chrysene	ND		10.2	1.23	ug/L		12/15/25 10:03	12/17/25 12:06	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/15/25 10:03	12/17/25 12:06	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/15/25 10:03	12/17/25 12:06	1
Diethyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:03	12/17/25 12:06	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:03	12/17/25 12:06	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/15/25 10:03	12/17/25 12:06	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/15/25 10:03	12/17/25 12:06	1
Fluoranthene	ND		10.2	0.645	ug/L		12/15/25 10:03	12/17/25 12:06	1
Fluorene	ND		10.2	0.686	ug/L		12/15/25 10:03	12/17/25 12:06	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/15/25 10:03	12/17/25 12:06	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/15/25 10:03	12/17/25 12:06	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/15/25 10:03	12/17/25 12:06	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/15/25 10:03	12/17/25 12:06	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/15/25 10:03	12/17/25 12:06	1
Isophorone	ND		10.2	0.819	ug/L		12/15/25 10:03	12/17/25 12:06	1
Naphthalene	ND		10.2	0.768	ug/L		12/15/25 10:03	12/17/25 12:06	1

Client Sample ID: MW-4
Date Collected: 12/09/25 10:45
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-1
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	0.614	ug/L		12/15/25 10:03	12/17/25 12:06	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/15/25 10:03	12/17/25 12:06	1
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/15/25 10:03	12/17/25 12:06	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/15/25 10:03	12/17/25 12:06	1
Phenanthrene	ND		10.2	0.758	ug/L		12/15/25 10:03	12/17/25 12:06	1
Phenol	ND		10.2	0.696	ug/L		12/15/25 10:03	12/17/25 12:06	1
Pyrene	ND		10.2	0.645	ug/L		12/15/25 10:03	12/17/25 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*12/15/25 10:03*	*12/17/25 12:06*	*1*
2-Fluorobiphenyl (Surr)	*76*		*25 - 139*	*12/15/25 10:03*	*12/17/25 12:06*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 150*	*12/15/25 10:03*	*12/17/25 12:06*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 150*	*12/15/25 10:03*	*12/17/25 12:06*	*1*
Phenol-d5 (Surr)	*64*		*10 - 150*	*12/15/25 10:03*	*12/17/25 12:06*	*1*
Terphenyl-d14 (Surr)	*54*		*28 - 150*	*12/15/25 10:03*	*12/17/25 12:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**6.09**		1.00	0.767	mg/L			12/18/25 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 19:37	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 19:37	1
Barium	**29.1**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 19:37	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:20	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 19:37	1
Chromium	**4.12**	**J**	5.00	3.69	ug/L		12/15/25 07:15	12/15/25 19:37	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 19:37	1
Copper	**25.5**		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 19:37	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 19:37	1
Manganese	**10.4**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 19:37	1
Nickel	**5.28**		5.00	0.422	ug/L		12/15/25 07:15	12/15/25 19:37	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 19:37	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 19:37	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:20	1
Vanadium	**3.09**	**J**	5.00	1.22	ug/L		12/15/25 07:15	12/15/25 19:37	1
Zinc	**84.6**		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 19:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.100	0.0184	mg/L			12/19/25 23:53	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 10:03	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:07	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Client Sample ID: MW-5
Date Collected: 12/09/25 12:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-2
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			12/17/25 19:30	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 19:30	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 19:30	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 19:30	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 19:30	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 19:30	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 19:30	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 19:30	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 19:30	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 19:30	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 19:30	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 19:30	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 19:30	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 19:30	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 19:30	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 19:30	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 19:30	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 19:30	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 19:30	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 19:30	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 19:30	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 19:30	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 19:30	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 19:30	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 19:30	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 19:30	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 19:30	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 19:30	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 19:30	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 19:30	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 19:30	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 16:14	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 19:30	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 19:30	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 19:30	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 19:30	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 19:30	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 19:30	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 19:30	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 19:30	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 19:30	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 19:30	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 19:30	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 19:30	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 19:30	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 19:30	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 19:30	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 19:30	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 19:30	1

Client Sample ID: MW-5
Date Collected: 12/09/25 12:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-2
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			12/17/25 19:30	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 19:30	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 19:30	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 19:30	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 19:30	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 19:30	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 19:30	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 19:30	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 19:30	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 19:30	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 19:30	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 19:30	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 19:30	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 19:30	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 19:30	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 19:30	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 19:30	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 19:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 19:30	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 19:30	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 19:30	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 19:30	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 19:30	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/17/25 19:30*	*1*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/18/25 16:14*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*12/17/25 19:30*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/18/25 16:14*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/17/25 19:30*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*12/18/25 16:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		12/12/25 11:54	12/12/25 22:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 140*	*12/12/25 11:54*	*12/12/25 22:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/15/25 10:03	12/17/25 12:39	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/15/25 10:03	12/17/25 12:39	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/15/25 10:03	12/17/25 12:39	1

Client Sample ID: MW-5
Date Collected: 12/09/25 12:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-2
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		10.2	0.854	ug/L		12/15/25 10:03	12/17/25 12:39	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/15/25 10:03	12/17/25 12:39	1
2-Methylphenol	ND		10.2	0.773	ug/L		12/15/25 10:03	12/17/25 12:39	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/15/25 10:03	12/17/25 12:39	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/15/25 10:03	12/17/25 12:39	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/15/25 10:03	12/17/25 12:39	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/15/25 10:03	12/17/25 12:39	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/15/25 10:03	12/17/25 12:39	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/15/25 10:03	12/17/25 12:39	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/15/25 10:03	12/17/25 12:39	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/15/25 10:03	12/17/25 12:39	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/15/25 10:03	12/17/25 12:39	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/15/25 10:03	12/17/25 12:39	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/15/25 10:03	12/17/25 12:39	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/15/25 10:03	12/17/25 12:39	1
Acenaphthene	**5.24**	**J**	10.2	0.641	ug/L		12/15/25 10:03	12/17/25 12:39	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/15/25 10:03	12/17/25 12:39	1
Acetophenone	ND		10.2	3.25	ug/L		12/15/25 10:03	12/17/25 12:39	1
Anthracene	ND		10.2	0.925	ug/L		12/15/25 10:03	12/17/25 12:39	1
Atrazine	ND		10.2	1.15	ug/L		12/15/25 10:03	12/17/25 12:39	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/15/25 10:03	12/17/25 12:39	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:03	12/17/25 12:39	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:03	12/17/25 12:39	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/15/25 10:03	12/17/25 12:39	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/15/25 10:03	12/17/25 12:39	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/15/25 10:03	12/17/25 12:39	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/15/25 10:03	12/17/25 12:39	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/15/25 10:03	12/17/25 12:39	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/15/25 10:03	12/17/25 12:39	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 12:39	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 12:39	1
Caprolactam	ND		10.2	2.44	ug/L		12/15/25 10:03	12/17/25 12:39	1
Carbazole	ND		10.2	0.325	ug/L		12/15/25 10:03	12/17/25 12:39	1
Chrysene	ND		10.2	1.22	ug/L		12/15/25 10:03	12/17/25 12:39	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/15/25 10:03	12/17/25 12:39	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/15/25 10:03	12/17/25 12:39	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 12:39	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 12:39	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/15/25 10:03	12/17/25 12:39	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 12:39	1
Fluoranthene	ND		10.2	0.641	ug/L		12/15/25 10:03	12/17/25 12:39	1
Fluorene	**2.56**	**J**	10.2	0.681	ug/L		12/15/25 10:03	12/17/25 12:39	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/15/25 10:03	12/17/25 12:39	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/15/25 10:03	12/17/25 12:39	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/15/25 10:03	12/17/25 12:39	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/15/25 10:03	12/17/25 12:39	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:03	12/17/25 12:39	1
Isophorone	ND		10.2	0.814	ug/L		12/15/25 10:03	12/17/25 12:39	1
Naphthalene	ND		10.2	0.763	ug/L		12/15/25 10:03	12/17/25 12:39	1

Client Sample ID: MW-5

Date Collected: 12/09/25 12:15
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-2

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		10.2	0.610	ug/L		12/15/25 10:03	12/17/25 12:39	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/15/25 10:03	12/17/25 12:39	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/15/25 10:03	12/17/25 12:39	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/15/25 10:03	12/17/25 12:39	1
Phenanthrene	**2.51**	**J**	10.2	0.753	ug/L		12/15/25 10:03	12/17/25 12:39	1
Phenol	ND		10.2	0.692	ug/L		12/15/25 10:03	12/17/25 12:39	1
Pyrene	ND		10.2	0.641	ug/L		12/15/25 10:03	12/17/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*	*12/15/25 10:03*	*12/17/25 12:39*	*1*
2-Fluorobiphenyl (Surr)	*75*		*25 - 139*	*12/15/25 10:03*	*12/17/25 12:39*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*12/15/25 10:03*	*12/17/25 12:39*	*1*
Nitrobenzene-d5 (Surr)	*83*		*22 - 150*	*12/15/25 10:03*	*12/17/25 12:39*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*12/15/25 10:03*	*12/17/25 12:39*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*12/15/25 10:03*	*12/17/25 12:39*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.69**		1.00	0.767	mg/L			12/18/25 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 20:12	1
Arsenic	**3.69**	**J**	5.00	1.32	ug/L		12/15/25 07:15	12/15/25 20:12	1
Barium	**449**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 20:12	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:23	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 20:12	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 20:12	1
Cobalt	**3.27**	**J**	5.00	0.411	ug/L		12/15/25 07:15	12/15/25 20:12	1
Copper	ND		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 20:12	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 20:12	1
Manganese	**3750**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 20:12	1
Nickel	**0.655**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 20:12	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 20:12	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 20:12	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:23	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 20:12	1
Zinc	**17.4**		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 20:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/15/25 23:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.77**		0.100	0.0184	mg/L			12/19/25 23:55	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 10:05	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:10	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Client Sample ID: 120925-Dup-1
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-3
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			12/17/25 19:55	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 19:55	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 19:55	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 19:55	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 19:55	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 19:55	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 19:55	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 19:55	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 19:55	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 19:55	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 19:55	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 19:55	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 19:55	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 19:55	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 19:55	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 19:55	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 19:55	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 19:55	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 19:55	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 19:55	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 19:55	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 19:55	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 19:55	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 19:55	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 19:55	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 19:55	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 19:55	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 19:55	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 19:55	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 19:55	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 19:55	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 16:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 19:55	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 19:55	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 19:55	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 19:55	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 19:55	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 19:55	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 19:55	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 19:55	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 19:55	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 19:55	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 19:55	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 19:55	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 19:55	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 19:55	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 19:55	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/17/25 19:55	1

Client Sample ID: 120925-Dup-1
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-3
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			12/17/25 19:55	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 19:55	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 19:55	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 19:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 19:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 19:55	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 19:55	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 19:55	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 19:55	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 19:55	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 19:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 19:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 19:55	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 19:55	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 19:55	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 19:55	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 19:55	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 19:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 19:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 19:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 19:55	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 19:55	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 19:55	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/17/25 19:55*	*1*
4-Bromofluorobenzene	*92*		*70 - 126*		*12/18/25 16:38*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*12/17/25 19:55*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/18/25 16:38*	*1*
Toluene-d8 (Surr)	*103*		*79 - 119*		*12/17/25 19:55*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 16:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.278	0.278	ug/L		12/12/25 11:54	12/12/25 22:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 140*	*12/12/25 11:54*	*12/12/25 22:50*	*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		12/15/25 10:03	12/17/25 13:12	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/15/25 10:03	12/17/25 13:12	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/15/25 10:03	12/17/25 13:12	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/15/25 10:03	12/17/25 13:12	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/15/25 10:03	12/17/25 13:12	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/15/25 10:03	12/17/25 13:12	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/15/25 10:03	12/17/25 13:12	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/15/25 10:03	12/17/25 13:12	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/15/25 10:03	12/17/25 13:12	1

Client Sample ID: 120925-Dup-1
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.2	0.854	ug/L		12/15/25 10:03	12/17/25 13:12	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/15/25 10:03	12/17/25 13:12	1
2-Methylphenol	ND		10.2	0.773	ug/L		12/15/25 10:03	12/17/25 13:12	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/15/25 10:03	12/17/25 13:12	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/15/25 10:03	12/17/25 13:12	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/15/25 10:03	12/17/25 13:12	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/15/25 10:03	12/17/25 13:12	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/15/25 10:03	12/17/25 13:12	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/15/25 10:03	12/17/25 13:12	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/15/25 10:03	12/17/25 13:12	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/15/25 10:03	12/17/25 13:12	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/15/25 10:03	12/17/25 13:12	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/15/25 10:03	12/17/25 13:12	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/15/25 10:03	12/17/25 13:12	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/15/25 10:03	12/17/25 13:12	1
Acenaphthene	**5.38**	**J**	10.2	0.641	ug/L		12/15/25 10:03	12/17/25 13:12	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/15/25 10:03	12/17/25 13:12	1
Acetophenone	ND		10.2	3.25	ug/L		12/15/25 10:03	12/17/25 13:12	1
Anthracene	ND		10.2	0.925	ug/L		12/15/25 10:03	12/17/25 13:12	1
Atrazine	ND		10.2	1.15	ug/L		12/15/25 10:03	12/17/25 13:12	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/15/25 10:03	12/17/25 13:12	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/15/25 10:03	12/17/25 13:12	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:03	12/17/25 13:12	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/15/25 10:03	12/17/25 13:12	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/15/25 10:03	12/17/25 13:12	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/15/25 10:03	12/17/25 13:12	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/15/25 10:03	12/17/25 13:12	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/15/25 10:03	12/17/25 13:12	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/15/25 10:03	12/17/25 13:12	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 13:12	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 13:12	1
Caprolactam	ND		10.2	2.44	ug/L		12/15/25 10:03	12/17/25 13:12	1
Carbazole	ND		10.2	0.325	ug/L		12/15/25 10:03	12/17/25 13:12	1
Chrysene	ND		10.2	1.22	ug/L		12/15/25 10:03	12/17/25 13:12	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/15/25 10:03	12/17/25 13:12	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/15/25 10:03	12/17/25 13:12	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 13:12	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 13:12	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/15/25 10:03	12/17/25 13:12	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/15/25 10:03	12/17/25 13:12	1
Fluoranthene	ND		10.2	0.641	ug/L		12/15/25 10:03	12/17/25 13:12	1
Fluorene	**2.75**	**J**	10.2	0.681	ug/L		12/15/25 10:03	12/17/25 13:12	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/15/25 10:03	12/17/25 13:12	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/15/25 10:03	12/17/25 13:12	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/15/25 10:03	12/17/25 13:12	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/15/25 10:03	12/17/25 13:12	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/15/25 10:03	12/17/25 13:12	1
Isophorone	ND		10.2	0.814	ug/L		12/15/25 10:03	12/17/25 13:12	1
Naphthalene	ND		10.2	0.763	ug/L		12/15/25 10:03	12/17/25 13:12	1

Client Sample ID: 120925-Dup-1
Date Collected: 12/09/25 00:00
Date Received: 12/10/25 08:00

Lab Sample ID: 752-40093-3
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	0.610	ug/L		12/15/25 10:03	12/17/25 13:12	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/15/25 10:03	12/17/25 13:12	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/15/25 10:03	12/17/25 13:12	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/15/25 10:03	12/17/25 13:12	1
Phenanthrene	**2.68**	**J**	10.2	0.753	ug/L		12/15/25 10:03	12/17/25 13:12	1
Phenol	ND		10.2	0.692	ug/L		12/15/25 10:03	12/17/25 13:12	1
Pyrene	ND		10.2	0.641	ug/L		12/15/25 10:03	12/17/25 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 150*	*12/15/25 10:03*	*12/17/25 13:12*	*1*
2-Fluorobiphenyl (Surr)	*68*		*25 - 139*	*12/15/25 10:03*	*12/17/25 13:12*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 150*	*12/15/25 10:03*	*12/17/25 13:12*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*	*12/15/25 10:03*	*12/17/25 13:12*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*12/15/25 10:03*	*12/17/25 13:12*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*12/15/25 10:03*	*12/17/25 13:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.60**		1.00	0.767	mg/L			12/18/25 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 20:14	1
Arsenic	**4.02**	**J**	5.00	1.32	ug/L		12/15/25 07:15	12/15/25 20:14	1
Barium	**450**		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 20:14	1
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 20:26	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 20:14	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 20:14	1
Cobalt	**2.81**	**J**	5.00	0.411	ug/L		12/15/25 07:15	12/15/25 20:14	1
Copper	ND		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 20:14	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 20:14	1
Manganese	**3570**		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 20:14	1
Nickel	**0.562**	**J**	5.00	0.422	ug/L		12/15/25 07:15	12/15/25 20:14	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 20:14	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 20:14	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 20:26	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 20:14	1
Zinc	**27.5**		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 20:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/16/25 00:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.89**		0.100	0.0184	mg/L			12/19/25 23:58	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/17/25 10:07	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			12/10/25 14:11	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/12/25 18:30	1

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40093-1
Project/Site: East End Park

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)							
752-40093-1	MW-4	94	103	101							
752-40093-1	MW-4	93	100	99							
752-40093-2	MW-5	91	105	101							
752-40093-2	MW-5	94	102	102							
752-40093-3	120925-Dup-1	94	105	103							
752-40093-3	120925-Dup-1	92	100	99							
LCS 705-102332/1002	Lab Control Sample	102	98	101							
LCS 705-102332/1003	Lab Control Sample	93	98	98							
LCS 705-102601/1001	Lab Control Sample	102	99	98							
LCS 705-102601/1003	Lab Control Sample	94	104	99							
MB 705-102332/5	Method Blank	95	103	100							
MB 705-102601/9	Method Blank	95	102	99							

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)		
752-40093-1	MW-4	80	76	69	81	64	54		
752-40093-2	MW-5	84	75	70	83	60	53		
752-40093-3	120925-Dup-1	66	68	72	72	71	46		
LCS 400-733803/2-A	Lab Control Sample	74	69	75	73	82	71		
LCSD 400-733803/3-A	Lab Control Sample Dup	84	74	86	79	99	77		
MB 400-733803/1-A	Method Blank	82	71	78	79	73	74		

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: East End Park

Job ID: 752-40093-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-140)						
752-40093-1	MW-4	38						
752-40093-2	MW-5	39						
752-40093-3	120925-Dup-1	35						
LCS 400-733633/2-A	Lab Control Sample	48						
LCSD 400-733633/3-A	Lab Control Sample Dup	50						
MB 400-733633/1-A	Method Blank	37						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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			12/17/25 14:30	1
Benzene	ND		1.00	0.200	ug/L			12/17/25 14:30	1
Bromobenzene	ND		1.00	0.222	ug/L			12/17/25 14:30	1
Bromoform	ND		1.00	0.458	ug/L			12/17/25 14:30	1
Bromomethane	ND		1.00	0.470	ug/L			12/17/25 14:30	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/17/25 14:30	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/17/25 14:30	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/17/25 14:30	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/17/25 14:30	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/17/25 14:30	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/17/25 14:30	1
Chloroethane	ND		1.00	0.374	ug/L			12/17/25 14:30	1
Chloroform	ND		1.00	0.216	ug/L			12/17/25 14:30	1
Chloromethane	ND		1.00	0.371	ug/L			12/17/25 14:30	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/17/25 14:30	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/17/25 14:30	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/17/25 14:30	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/17/25 14:30	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/17/25 14:30	1
Dibromomethane	ND		1.00	0.318	ug/L			12/17/25 14:30	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 14:30	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/17/25 14:30	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/17/25 14:30	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/17/25 14:30	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/17/25 14:30	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/17/25 14:30	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/17/25 14:30	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/17/25 14:30	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/17/25 14:30	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/17/25 14:30	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/17/25 14:30	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/17/25 14:30	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/17/25 14:30	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/17/25 14:30	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/17/25 14:30	1
Hexane	ND		10.0	3.63	ug/L			12/17/25 14:30	1
2-Hexanone	ND		10.0	3.47	ug/L			12/17/25 14:30	1
Iodomethane	ND		2.00	0.403	ug/L			12/17/25 14:30	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/17/25 14:30	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/17/25 14:30	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/17/25 14:30	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/17/25 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/17/25 14:30	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/17/25 14:30	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/17/25 14:30	1
Naphthalene	ND		2.00	1.56	ug/L			12/17/25 14:30	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/17/25 14:30	1
n-Heptane	ND		10.0	3.05	ug/L			12/17/25 14:30	1

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

Lab Sample ID: MB 705-102332/5
Matrix: Water
Analysis Batch: 102332

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			12/17/25 14:30	1
o-Xylene	ND		1.00	0.270	ug/L			12/17/25 14:30	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/17/25 14:30	1
Styrene	ND		1.00	0.194	ug/L			12/17/25 14:30	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/17/25 14:30	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/17/25 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/17/25 14:30	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/17/25 14:30	1
Toluene	ND		1.00	0.197	ug/L			12/17/25 14:30	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/17/25 14:30	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/17/25 14:30	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/17/25 14:30	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/17/25 14:30	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/17/25 14:30	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/17/25 14:30	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/17/25 14:30	1
Trichloroethene	ND		1.00	0.211	ug/L			12/17/25 14:30	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/17/25 14:30	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/17/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/17/25 14:30	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/17/25 14:30	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/17/25 14:30	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/17/25 14:30	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/17/25 14:30	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/17/25 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/17/25 14:30*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/17/25 14:30*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/17/25 14:30*	*1*

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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	34.62		ug/L		87	62 - 136
Benzene	20.0	20.80		ug/L		104	76 - 122
Bromobenzene	20.0	20.13		ug/L		101	77 - 125
Bromoform	20.0	20.08		ug/L		100	65 - 129
Bromomethane	20.0	20.59		ug/L		103	60 - 138
2-Butanone (MEK)	40.0	36.34		ug/L		91	74 - 131
Carbon disulfide	20.0	21.41		ug/L		107	71 - 122
Carbon tetrachloride	20.0	21.90		ug/L		110	72 - 131
Chlorobenzene	20.0	21.18		ug/L		106	75 - 121
Chlorobromomethane	20.0	20.48		ug/L		102	77 - 120
Chlorodibromomethane	20.0	20.01		ug/L		100	70 - 131
Chloroethane	20.0	20.73		ug/L		104	55 - 138

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

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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	20.77		ug/L		104	73 - 121
Chloromethane	20.0	21.31		ug/L		107	57 - 129
2-Chlorotoluene	20.0	21.22		ug/L		106	75 - 123
4-Chlorotoluene	20.0	21.80		ug/L		109	76 - 124
cis-1,2-Dichloroethene	20.0	20.61		ug/L		103	76 - 121
cis-1,3-Dichloropropene	20.0	20.65		ug/L		103	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.86		ug/L		89	64 - 125
Dibromomethane	20.0	19.09		ug/L		95	70 - 130
1,2-Dichlorobenzene	20.0	20.80		ug/L		104	69 - 127
1,3-Dichlorobenzene	20.0	21.33		ug/L		107	68 - 128
1,4-Dichlorobenzene	20.0	20.22		ug/L		101	68 - 126
Dichlorobromomethane	20.0	20.20		ug/L		101	70 - 124
1,1-Dichloroethane	20.0	21.04		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.64		ug/L		98	72 - 127
1,1-Dichloroethene	20.0	20.69		ug/L		103	69 - 130
1,2-Dichloropropane	20.0	20.44		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	19.69		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	22.75		ug/L		114	71 - 131
1,1-Dichloropropene	20.0	21.94		ug/L		110	74 - 129
Ethylbenzene	20.0	21.04		ug/L		105	75 - 127
Ethylene Dibromide	20.0	19.74		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	21.97		ug/L		110	65 - 137
Hexane	20.0	23.57		ug/L		118	25 - 150
2-Hexanone	40.0	37.34		ug/L		93	70 - 130
Iodomethane	20.0	16.39		ug/L		82	50 - 150
Isopropylbenzene	20.0	22.38		ug/L		112	76 - 125
4-Isopropyltoluene	20.0	23.07		ug/L		115	78 - 126
Methylene Chloride	20.0	19.94		ug/L		100	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.13		ug/L		95	76 - 122
Methyl tert-butyl ether	20.0	18.70		ug/L		94	76 - 123
m-Xylene & p-Xylene	20.0	21.13		ug/L		106	76 - 128
Naphthalene	20.0	18.77		ug/L		94	67 - 129
n-Butylbenzene	20.0	22.66		ug/L		113	71 - 131
n-Heptane	20.0	25.09		ug/L		125	25 - 150
N-Propylbenzene	20.0	22.01		ug/L		110	75 - 127
o-Xylene	20.0	21.12		ug/L		106	78 - 124
sec-Butylbenzene	20.0	23.46		ug/L		117	74 - 127
Styrene	20.0	22.29		ug/L		111	71 - 129
tert-Butylbenzene	20.0	22.65		ug/L		113	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.76		ug/L		104	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.14		ug/L		96	73 - 127
Tetrachloroethene	20.0	22.66		ug/L		113	74 - 129
Toluene	20.0	21.26		ug/L		106	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.28		ug/L		96	50 - 150
trans-1,2-Dichloroethene	20.0	20.87		ug/L		104	74 - 124
trans-1,3-Dichloropropene	20.0	19.95		ug/L		100	59 - 135
1,2,3-Trichlorobenzene	20.0	20.43		ug/L		102	65 - 130
1,2,4-Trichlorobenzene	20.0	20.47		ug/L		102	65 - 131
1,1,1-Trichloroethane	20.0	21.21		ug/L		106	71 - 124

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

Lab Sample ID: LCS 705-102332/1002
Matrix: Water
Analysis Batch: 102332

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	19.38		ug/L		97	69 - 127
Trichloroethene	20.0	20.97		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	22.34		ug/L		112	63 - 142
1,2,3-Trichloropropane	20.0	18.44		ug/L		92	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.85		ug/L		114	74 - 122
1,2,4-Trimethylbenzene	20.0	22.39		ug/L		112	80 - 123
1,3,5-Trimethylbenzene	20.0	22.35		ug/L		112	79 - 124
Vinyl acetate	40.0	42.36		ug/L		106	50 - 150
Vinyl chloride	20.0	21.83		ug/L		109	65 - 132
Xylenes, Total	40.0	42.25		ug/L		106	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: LCS 705-102332/1003
Matrix: Water
Analysis Batch: 102332

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropyl ether	20.0	15.96		ug/L		80	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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			12/18/25 12:38	1
Benzene	ND		1.00	0.200	ug/L			12/18/25 12:38	1
Bromobenzene	ND		1.00	0.222	ug/L			12/18/25 12:38	1
Bromoform	ND		1.00	0.458	ug/L			12/18/25 12:38	1
Bromomethane	ND		1.00	0.470	ug/L			12/18/25 12:38	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/18/25 12:38	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/18/25 12:38	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/18/25 12:38	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/18/25 12:38	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/18/25 12:38	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/18/25 12:38	1
Chloroethane	ND		1.00	0.374	ug/L			12/18/25 12:38	1
Chloroform	ND		1.00	0.216	ug/L			12/18/25 12:38	1
Chloromethane	ND		1.00	0.371	ug/L			12/18/25 12:38	1

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

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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			12/18/25 12:38	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/18/25 12:38	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/18/25 12:38	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/18/25 12:38	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/18/25 12:38	1
Dibromomethane	ND		1.00	0.318	ug/L			12/18/25 12:38	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 12:38	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/18/25 12:38	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/18/25 12:38	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/18/25 12:38	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/18/25 12:38	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/18/25 12:38	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/18/25 12:38	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/18/25 12:38	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/18/25 12:38	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/18/25 12:38	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/18/25 12:38	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/18/25 12:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/18/25 12:38	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/18/25 12:38	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/18/25 12:38	1
Hexane	ND		10.0	3.63	ug/L			12/18/25 12:38	1
2-Hexanone	ND		10.0	3.47	ug/L			12/18/25 12:38	1
Iodomethane	ND		2.00	0.403	ug/L			12/18/25 12:38	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/18/25 12:38	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/18/25 12:38	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/18/25 12:38	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/18/25 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/18/25 12:38	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/18/25 12:38	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/18/25 12:38	1
Naphthalene	ND		2.00	1.56	ug/L			12/18/25 12:38	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/18/25 12:38	1
n-Heptane	ND		10.0	3.05	ug/L			12/18/25 12:38	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/18/25 12:38	1
o-Xylene	ND		1.00	0.270	ug/L			12/18/25 12:38	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/18/25 12:38	1
Styrene	ND		1.00	0.194	ug/L			12/18/25 12:38	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/18/25 12:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/18/25 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/18/25 12:38	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/18/25 12:38	1
Toluene	ND		1.00	0.197	ug/L			12/18/25 12:38	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/18/25 12:38	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/18/25 12:38	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/18/25 12:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/18/25 12:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/18/25 12:38	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/18/25 12:38	1

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

Lab Sample ID: MB 705-102601/9
Matrix: Water
Analysis Batch: 102601

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			12/18/25 12:38	1
Trichloroethene	ND		1.00	0.211	ug/L			12/18/25 12:38	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/18/25 12:38	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/18/25 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/18/25 12:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/18/25 12:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/18/25 12:38	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/18/25 12:38	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/18/25 12:38	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/18/25 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/18/25 12:38*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/18/25 12:38*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/18/25 12:38*	*1*

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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	38.84		ug/L		97	62 - 136
Benzene	20.0	18.60		ug/L		93	76 - 122
Bromobenzene	20.0	18.42		ug/L		92	77 - 125
Bromoform	20.0	19.04		ug/L		95	65 - 129
Bromomethane	20.0	20.91		ug/L		105	60 - 138
2-Butanone (MEK)	40.0	36.43		ug/L		91	74 - 131
Carbon disulfide	20.0	19.65		ug/L		98	71 - 122
Carbon tetrachloride	20.0	18.53		ug/L		93	72 - 131
Chlorobenzene	20.0	18.79		ug/L		94	75 - 121
Chlorobromomethane	20.0	19.46		ug/L		97	77 - 120
Chlorodibromomethane	20.0	18.80		ug/L		94	70 - 131
Chloroethane	20.0	23.62		ug/L		118	55 - 138
Chloroform	20.0	18.67		ug/L		93	73 - 121
Chloromethane	20.0	23.16		ug/L		116	57 - 129
2-Chlorotoluene	20.0	17.88		ug/L		89	75 - 123
4-Chlorotoluene	20.0	18.51		ug/L		93	76 - 124
cis-1,2-Dichloroethene	20.0	18.62		ug/L		93	76 - 121
cis-1,3-Dichloropropene	20.0	19.52		ug/L		98	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.86		ug/L		99	64 - 125
Dibromomethane	20.0	19.21		ug/L		96	70 - 130
1,2-Dichlorobenzene	20.0	18.24		ug/L		91	69 - 127
1,3-Dichlorobenzene	20.0	18.50		ug/L		93	68 - 128
1,4-Dichlorobenzene	20.0	18.41		ug/L		92	68 - 126
Dichlorobromomethane	20.0	19.87		ug/L		99	70 - 124
1,1-Dichloroethane	20.0	22.44		ug/L		112	65 - 126
1,2-Dichloroethane	20.0	18.95		ug/L		95	72 - 127
1,1-Dichloroethene	20.0	20.32		ug/L		102	69 - 130

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

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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	19.32		ug/L		97	71 - 121
1,3-Dichloropropane	20.0	19.67		ug/L		98	76 - 125
2,2-Dichloropropane	20.0	19.92		ug/L		100	71 - 131
1,1-Dichloropropene	20.0	18.10		ug/L		91	74 - 129
Ethylbenzene	20.0	17.81		ug/L		89	75 - 127
Ethylene Dibromide	20.0	19.27		ug/L		96	68 - 133
Hexachlorobutadiene	20.0	18.71		ug/L		94	65 - 137
Hexane	20.0	21.94		ug/L		110	25 - 150
2-Hexanone	40.0	42.47		ug/L		106	70 - 130
Iodomethane	20.0	20.66		ug/L		103	50 - 150
Isopropylbenzene	20.0	16.44		ug/L		82	76 - 125
4-Isopropyltoluene	20.0	17.81		ug/L		89	78 - 126
Methylene Chloride	20.0	21.05		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.77		ug/L		97	76 - 122
Methyl tert-butyl ether	20.0	22.47		ug/L		112	76 - 123
m-Xylene & p-Xylene	20.0	19.02		ug/L		95	76 - 128
Naphthalene	20.0	16.82		ug/L		84	67 - 129
n-Butylbenzene	20.0	17.88		ug/L		89	71 - 131
n-Heptane	20.0	21.44		ug/L		107	25 - 150
N-Propylbenzene	20.0	18.47		ug/L		92	75 - 127
o-Xylene	20.0	17.12		ug/L		86	78 - 124
sec-Butylbenzene	20.0	17.85		ug/L		89	74 - 127
Styrene	20.0	18.83		ug/L		94	71 - 129
tert-Butylbenzene	20.0	18.24		ug/L		91	72 - 127
1,1,1,2-Tetrachloroethane	20.0	16.57		ug/L		83	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.47		ug/L		97	73 - 127
Tetrachloroethene	20.0	20.12		ug/L		101	74 - 129
Toluene	20.0	18.66		ug/L		93	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.32		ug/L		92	50 - 150
trans-1,2-Dichloroethene	20.0	21.42		ug/L		107	74 - 124
trans-1,3-Dichloropropene	20.0	19.67		ug/L		98	59 - 135
1,2,3-Trichlorobenzene	20.0	17.70		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	17.84		ug/L		89	65 - 131
1,1,1-Trichloroethane	20.0	18.92		ug/L		95	71 - 124
1,1,2-Trichloroethane	20.0	18.96		ug/L		95	69 - 127
Trichloroethene	20.0	18.62		ug/L		93	72 - 129
Trichlorofluoromethane	20.0	24.15		ug/L		121	63 - 142
1,2,3-Trichloropropane	20.0	20.20		ug/L		101	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.82		ug/L		109	74 - 122
1,2,4-Trimethylbenzene	20.0	18.26		ug/L		91	80 - 123
1,3,5-Trimethylbenzene	20.0	18.46		ug/L		92	79 - 124
Vinyl acetate	40.0	50.74		ug/L		127	50 - 150
Vinyl chloride	20.0	22.10		ug/L		111	65 - 132
Xylenes, Total	40.0	36.14		ug/L		90	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*

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

Lab Sample ID: LCS 705-102601/1001
Matrix: Water
Analysis Batch: 102601

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: LCS 705-102601/1003
Matrix: Water
Analysis Batch: 102601

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	44.64		ug/L		112	25 - 150		
Isopropyl ether			20.0	26.55	*+	ug/L		133	78 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*94*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

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

Lab Sample ID: MB 400-733803/1-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/15/25 10:01	12/17/25 10:27	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/15/25 10:01	12/17/25 10:27	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/15/25 10:01	12/17/25 10:27	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/15/25 10:01	12/17/25 10:27	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/15/25 10:01	12/17/25 10:27	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/15/25 10:01	12/17/25 10:27	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/15/25 10:01	12/17/25 10:27	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/15/25 10:01	12/17/25 10:27	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/15/25 10:01	12/17/25 10:27	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/15/25 10:01	12/17/25 10:27	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/15/25 10:01	12/17/25 10:27	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/15/25 10:01	12/17/25 10:27	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/15/25 10:01	12/17/25 10:27	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/15/25 10:01	12/17/25 10:27	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/15/25 10:01	12/17/25 10:27	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/15/25 10:01	12/17/25 10:27	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/15/25 10:01	12/17/25 10:27	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/15/25 10:01	12/17/25 10:27	1
Acenaphthene	ND		10.0	0.630	ug/L		12/15/25 10:01	12/17/25 10:27	1

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

Lab Sample ID: MB 400-733803/1-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		10.0	0.760	ug/L		12/15/25 10:01	12/17/25 10:27	1
Acetophenone	ND		10.0	3.20	ug/L		12/15/25 10:01	12/17/25 10:27	1
Anthracene	ND		10.0	0.910	ug/L		12/15/25 10:01	12/17/25 10:27	1
Atrazine	ND		10.0	1.13	ug/L		12/15/25 10:01	12/17/25 10:27	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/15/25 10:01	12/17/25 10:27	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/15/25 10:01	12/17/25 10:27	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:01	12/17/25 10:27	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/15/25 10:01	12/17/25 10:27	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/15/25 10:01	12/17/25 10:27	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/15/25 10:01	12/17/25 10:27	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/15/25 10:01	12/17/25 10:27	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/15/25 10:01	12/17/25 10:27	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/15/25 10:01	12/17/25 10:27	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/15/25 10:01	12/17/25 10:27	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:01	12/17/25 10:27	1
Caprolactam	ND		10.0	2.40	ug/L		12/15/25 10:01	12/17/25 10:27	1
Carbazole	ND		10.0	0.320	ug/L		12/15/25 10:01	12/17/25 10:27	1
Chrysene	ND		10.0	1.20	ug/L		12/15/25 10:01	12/17/25 10:27	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/15/25 10:01	12/17/25 10:27	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/15/25 10:01	12/17/25 10:27	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:01	12/17/25 10:27	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:01	12/17/25 10:27	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/15/25 10:01	12/17/25 10:27	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/15/25 10:01	12/17/25 10:27	1
Fluoranthene	ND		10.0	0.630	ug/L		12/15/25 10:01	12/17/25 10:27	1
Fluorene	ND		10.0	0.670	ug/L		12/15/25 10:01	12/17/25 10:27	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/15/25 10:01	12/17/25 10:27	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/15/25 10:01	12/17/25 10:27	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/15/25 10:01	12/17/25 10:27	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/15/25 10:01	12/17/25 10:27	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/15/25 10:01	12/17/25 10:27	1
Isophorone	ND		10.0	0.800	ug/L		12/15/25 10:01	12/17/25 10:27	1
Naphthalene	ND		10.0	0.750	ug/L		12/15/25 10:01	12/17/25 10:27	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/15/25 10:01	12/17/25 10:27	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/15/25 10:01	12/17/25 10:27	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/15/25 10:01	12/17/25 10:27	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/15/25 10:01	12/17/25 10:27	1
Phenanthrene	ND		10.0	0.740	ug/L		12/15/25 10:01	12/17/25 10:27	1
Phenol	ND		10.0	0.680	ug/L		12/15/25 10:01	12/17/25 10:27	1
Pyrene	ND		10.0	0.630	ug/L		12/15/25 10:01	12/17/25 10:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*12/15/25 10:01*	*12/17/25 10:27*	*1*
2-Fluorobiphenyl (Surr)	*71*		*25 - 139*	*12/15/25 10:01*	*12/17/25 10:27*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 150*	*12/15/25 10:01*	*12/17/25 10:27*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*12/15/25 10:01*	*12/17/25 10:27*	*1*
Phenol-d5 (Surr)	*73*		*10 - 150*	*12/15/25 10:01*	*12/17/25 10:27*	*1*
Terphenyl-d14 (Surr)	*74*		*28 - 150*	*12/15/25 10:01*	*12/17/25 10:27*	*1*

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

Lab Sample ID: LCS 400-733803/2-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	28.95		ug/L		87	27 - 120
2,4,5-Trichlorophenol	33.3	35.70		ug/L		107	27 - 136
2,4,6-Trichlorophenol	33.3	33.81		ug/L		101	21 - 132
2,4-Dichlorophenol	33.3	30.44		ug/L		91	30 - 125
2,4-Dimethylphenol	33.3	25.84		ug/L		78	10 - 142
2,4-Dinitrophenol	66.7	60.77		ug/L		91	10 - 150
2,4-Dinitrotoluene	33.3	31.36		ug/L		94	30 - 129
2,6-Dinitrotoluene	33.3	32.21		ug/L		97	34 - 132
2-Chloronaphthalene	33.3	25.82		ug/L		77	10 - 150
2-Chlorophenol	33.3	30.58		ug/L		92	28 - 127
2-Methylnaphthalene	33.3	25.45		ug/L		76	24 - 150
2-Methylphenol	33.3	30.54		ug/L		92	11 - 121
2-Nitroaniline	33.3	34.76		ug/L		104	31 - 141
2-Nitrophenol	33.3	32.61		ug/L		98	31 - 142
3 & 4 Methylphenol	33.3	34.62		ug/L		104	10 - 150
3,3'-Dichlorobenzidine	66.7	56.78		ug/L		85	10 - 150
3-Nitroaniline	33.3	32.77		ug/L		98	33 - 136
4,6-Dinitro-2-methylphenol	66.7	65.33		ug/L		98	10 - 150
4-Bromophenyl phenyl ether	33.3	27.89		ug/L		84	24 - 120
4-Chloro-3-methylphenol	33.3	29.91		ug/L		90	10 - 137
4-Chloroaniline	33.3	29.66		ug/L		89	10 - 150
4-Chlorophenyl phenyl ether	33.3	30.33		ug/L		91	31 - 110
4-Nitroaniline	33.3	34.60		ug/L		104	37 - 139
4-Nitrophenol	66.7	59.99		ug/L		90	10 - 150
Acenaphthene	33.3	30.19		ug/L		91	29 - 150
Acenaphthylene	33.3	30.92		ug/L		93	30 - 150
Acetophenone	33.3	27.67		ug/L		83	27 - 119
Anthracene	33.3	28.93		ug/L		87	31 - 150
Atrazine	33.3	31.40		ug/L		94	10 - 150
Benzaldehyde	33.3	30.72		ug/L		92	10 - 150
Benzo[a]anthracene	33.3	30.53		ug/L		92	36 - 150
Benzo[a]pyrene	33.3	30.65		ug/L		92	29 - 150
Benzo[b]fluoranthene	33.3	32.04		ug/L		96	32 - 150
Benzo[g,h,i]perylene	33.3	30.16		ug/L		90	28 - 150
Benzo[k]fluoranthene	33.3	30.24		ug/L		91	30 - 150
bis (2-chloroisopropyl) ether	33.3	26.51		ug/L		80	32 - 115
Bis(2-chloroethoxy)methane	33.3	33.33		ug/L		100	34 - 120
Bis(2-chloroethyl)ether	33.3	31.50		ug/L		94	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	33.94		ug/L		102	24 - 133
Butyl benzyl phthalate	33.3	37.13		ug/L		111	24 - 140
Caprolactam	33.3	20.77		ug/L		62	10 - 150
Carbazole	33.3	26.00		ug/L		78	28 - 123
Chrysene	33.3	29.49		ug/L		88	34 - 150
Dibenz(a,h)anthracene	33.3	28.59		ug/L		86	29 - 150
Dibenzofuran	33.3	27.98		ug/L		84	35 - 110
Diethyl phthalate	33.3	32.32		ug/L		97	31 - 118
Dimethyl phthalate	33.3	31.85		ug/L		96	24 - 125
Di-n-butyl phthalate	33.3	30.05		ug/L		90	30 - 127

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

Lab Sample ID: LCS 400-733803/2-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733803

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Di-n-octyl phthalate			33.3	35.02		ug/L		105	28 - 142		
Fluoranthene			33.3	29.73		ug/L		89	30 - 150		
Fluorene			33.3	29.54		ug/L		89	30 - 150		
Hexachlorobenzene			33.3	28.96		ug/L		87	29 - 113		
Hexachlorobutadiene			33.3	12.68		ug/L		38	10 - 117		
Hexachlorocyclopentadiene			33.3	15.78	J	ug/L		47	10 - 150		
Hexachloroethane			33.3	14.80		ug/L		44	10 - 112		
Indeno[1,2,3-cd]pyrene			33.3	28.74		ug/L		86	28 - 150		
Isophorone			33.3	30.70		ug/L		92	29 - 125		
Naphthalene			33.3	22.52		ug/L		68	27 - 150		
Nitrobenzene			33.3	30.41		ug/L		91	29 - 129		
N-Nitrosodi-n-propylamine			33.3	33.57		ug/L		101	50 - 134		
N-Nitrosodiphenylamine			33.1	28.53		ug/L		86	50 - 132		
Pentachlorophenol			66.7	59.17		ug/L		89	14 - 150		
Phenanthrene			33.3	28.37		ug/L		85	32 - 150		
Phenol			33.3	33.04		ug/L		99	10 - 150		
Pyrene			33.3	30.46		ug/L		91	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*
2-Fluorobiphenyl (Surr)	*69*		*25 - 139*
2-Fluorophenol (Surr)	*75*		*10 - 150*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*
Phenol-d5 (Surr)	*82*		*10 - 150*
Terphenyl-d14 (Surr)	*71*		*28 - 150*

Lab Sample ID: LCSD 400-733803/3-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733803

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	29.71		ug/L		89	27 - 120	3	40
2,4,5-Trichlorophenol			33.3	35.39		ug/L		106	27 - 136	1	40
2,4,6-Trichlorophenol			33.3	33.76		ug/L		101	21 - 132	0	40
2,4-Dichlorophenol			33.3	29.99		ug/L		90	30 - 125	2	40
2,4-Dimethylphenol			33.3	25.38		ug/L		76	10 - 142	2	40
2,4-Dinitrophenol			66.7	61.43		ug/L		92	10 - 150	1	40
2,4-Dinitrotoluene			33.3	32.26		ug/L		97	30 - 129	3	40
2,6-Dinitrotoluene			33.3	33.34		ug/L		100	34 - 132	3	40
2-Chloronaphthalene			33.3	28.64		ug/L		86	10 - 150	10	40
2-Chlorophenol			33.3	30.87		ug/L		93	28 - 127	1	40
2-Methylnaphthalene			33.3	26.27		ug/L		79	24 - 150	3	40
2-Methylphenol			33.3	30.08		ug/L		90	11 - 121	1	40
2-Nitroaniline			33.3	35.62		ug/L		107	31 - 141	2	40
2-Nitrophenol			33.3	32.53		ug/L		98	31 - 142	0	40
3 & 4 Methylphenol			33.3	35.02		ug/L		105	10 - 150	1	40
3,3'-Dichlorobenzidine			66.7	55.49		ug/L		83	10 - 150	2	40
3-Nitroaniline			33.3	33.23		ug/L		100	33 - 136	1	40

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

Lab Sample ID: LCSD 400-733803/3-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733803

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,6-Dinitro-2-methylphenol	66.7	67.22		ug/L		101	10 - 150	3	40
4-Bromophenyl phenyl ether	33.3	29.22		ug/L		88	24 - 120	5	40
4-Chloro-3-methylphenol	33.3	29.40		ug/L		88	10 - 137	2	40
4-Chloroaniline	33.3	30.01		ug/L		90	10 - 150	1	40
4-Chlorophenyl phenyl ether	33.3	30.93		ug/L		93	31 - 110	2	40
4-Nitroaniline	33.3	35.38		ug/L		106	37 - 139	2	40
4-Nitrophenol	66.7	64.50		ug/L		97	10 - 150	7	40
Acenaphthene	33.3	30.79		ug/L		92	29 - 150	2	40
Acenaphthylene	33.3	31.51		ug/L		95	30 - 150	2	40
Acetophenone	33.3	27.90		ug/L		84	27 - 119	1	40
Anthracene	33.3	30.14		ug/L		90	31 - 150	4	40
Atrazine	33.3	32.72		ug/L		98	10 - 150	4	40
Benzaldehyde	33.3	30.43		ug/L		91	10 - 150	1	40
Benzo[a]anthracene	33.3	30.97		ug/L		93	36 - 150	1	40
Benzo[a]pyrene	33.3	30.94		ug/L		93	29 - 150	1	40
Benzo[b]fluoranthene	33.3	32.25		ug/L		97	32 - 150	1	40
Benzo[g,h,i]perylene	33.3	30.39		ug/L		91	28 - 150	1	40
Benzo[k]fluoranthene	33.3	31.52		ug/L		95	30 - 150	4	40
bis (2-chloroisopropyl) ether	33.3	27.03		ug/L		81	32 - 115	2	40
Bis(2-chloroethoxy)methane	33.3	33.48		ug/L		100	34 - 120	0	40
Bis(2-chloroethyl)ether	33.3	31.48		ug/L		94	32 - 114	0	40
Bis(2-ethylhexyl) phthalate	33.3	34.51		ug/L		104	24 - 133	2	40
Butyl benzyl phthalate	33.3	36.23		ug/L		109	24 - 140	2	40
Caprolactam	33.3	21.45		ug/L		64	10 - 150	3	40
Carbazole	33.3	27.44		ug/L		82	28 - 123	5	40
Chrysene	33.3	29.24		ug/L		88	34 - 150	1	40
Dibenz(a,h)anthracene	33.3	29.06		ug/L		87	29 - 150	2	40
Dibenzofuran	33.3	28.69		ug/L		86	35 - 110	3	40
Diethyl phthalate	33.3	32.15		ug/L		96	31 - 118	1	40
Dimethyl phthalate	33.3	31.91		ug/L		96	24 - 125	0	40
Di-n-butyl phthalate	33.3	31.45		ug/L		94	30 - 127	5	40
Di-n-octyl phthalate	33.3	34.71		ug/L		104	28 - 142	1	40
Fluoranthene	33.3	31.23		ug/L		94	30 - 150	5	40
Fluorene	33.3	29.78		ug/L		89	30 - 150	1	40
Hexachlorobenzene	33.3	30.51		ug/L		92	29 - 113	5	40
Hexachlorobutadiene	33.3	14.79		ug/L		44	10 - 117	15	40
Hexachlorocyclopentadiene	33.3	17.43	J	ug/L		52	10 - 150	10	40
Hexachloroethane	33.3	16.16		ug/L		48	10 - 112	9	40
Indeno[1,2,3-cd]pyrene	33.3	28.75		ug/L		86	28 - 150	0	40
Isophorone	33.3	31.08		ug/L		93	29 - 125	1	40
Naphthalene	33.3	22.98		ug/L		69	27 - 150	2	40
Nitrobenzene	33.3	30.72		ug/L		92	29 - 129	1	40
N-Nitrosodi-n-propylamine	33.3	34.21		ug/L		103	50 - 134	2	40
N-Nitrosodiphenylamine	33.1	29.05		ug/L		88	50 - 132	2	40
Pentachlorophenol	66.7	61.82		ug/L		93	14 - 150	4	40
Phenanthrene	33.3	29.58		ug/L		89	32 - 150	4	40
Phenol	33.3	35.95		ug/L		108	10 - 150	8	40
Pyrene	33.3	31.70		ug/L		95	30 - 150	4	40

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

Lab Sample ID: LCSD 400-733803/3-A
Matrix: Water
Analysis Batch: 734043

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733803

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 150*
2-Fluorobiphenyl (Surr)	*74*		*25 - 139*
2-Fluorophenol (Surr)	*86*		*10 - 150*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*
Phenol-d5 (Surr)	*99*		*10 - 150*
Terphenyl-d14 (Surr)	*77*		*28 - 150*

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

Lab Sample ID: MB 400-733633/1-A
Matrix: Water
Analysis Batch: 733691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/12/25 11:54	12/12/25 21:04	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/12/25 11:54*	*12/12/25 21:04*	*1*

Lab Sample ID: LCS 400-733633/2-A
Matrix: Water
Analysis Batch: 733691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733633

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			16.0	16.98		ug/L		106	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*48*		*10 - 140*

Lab Sample ID: LCSD 400-733633/3-A
Matrix: Water
Analysis Batch: 733691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 733633

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	16.80		ug/L		105	30 - 150	1	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*50*		*10 - 140*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-102392/89
Matrix: Water
Analysis Batch: 102392

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			12/17/25 20:41	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-102392/90
Matrix: Water
Analysis Batch: 102392

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	24.71		mg/L		99	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-101637/1-A
Matrix: Water
Analysis Batch: 101918

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/15/25 07:15	12/15/25 18:47	1
Arsenic	ND		5.00	1.32	ug/L		12/15/25 07:15	12/15/25 18:47	1
Barium	ND		10.0	0.410	ug/L		12/15/25 07:15	12/15/25 18:47	1
Cadmium	ND		0.700	0.237	ug/L		12/15/25 07:15	12/15/25 18:47	1
Chromium	ND		5.00	3.69	ug/L		12/15/25 07:15	12/15/25 18:47	1
Cobalt	ND		5.00	0.411	ug/L		12/15/25 07:15	12/15/25 18:47	1
Copper	ND		2.00	0.642	ug/L		12/15/25 07:15	12/15/25 18:47	1
Lead	ND		1.00	0.864	ug/L		12/15/25 07:15	12/15/25 18:47	1
Manganese	ND		5.00	1.29	ug/L		12/15/25 07:15	12/15/25 18:47	1
Nickel	ND		5.00	0.422	ug/L		12/15/25 07:15	12/15/25 18:47	1
Selenium	ND		5.00	2.29	ug/L		12/15/25 07:15	12/15/25 18:47	1
Silver	ND		1.00	0.167	ug/L		12/15/25 07:15	12/15/25 18:47	1
Vanadium	ND		5.00	1.22	ug/L		12/15/25 07:15	12/15/25 18:47	1
Zinc	ND		10.0	8.91	ug/L		12/15/25 07:15	12/15/25 18:47	1

Lab Sample ID: MB 705-101637/1-A
Matrix: Water
Analysis Batch: 102225

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		1.00	0.147	ug/L		12/15/25 07:15	12/16/25 19:32	1
Thallium	ND		1.00	0.190	ug/L		12/15/25 07:15	12/16/25 19:32	1

Lab Sample ID: LCS 705-101637/2-A
Matrix: Water
Analysis Batch: 101918

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	99.30		ug/L		99	80 - 120
Arsenic	100	99.27		ug/L		99	80 - 120
Barium	100	98.62		ug/L		99	80 - 120
Cadmium	100	95.66		ug/L		96	80 - 120
Chromium	100	98.67		ug/L		99	80 - 120
Cobalt	100	101.6		ug/L		102	80 - 120
Copper	100	101.6		ug/L		102	80 - 120
Lead	100	97.37		ug/L		97	80 - 120
Manganese	100	96.66		ug/L		97	80 - 120
Nickel	100	101.6		ug/L		102	80 - 120
Selenium	100	93.62		ug/L		94	80 - 120
Silver	10.0	10.24		ug/L		102	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-101637/2-A
Matrix: Water
Analysis Batch: 101918

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	100	101.2		ug/L		101	80 - 120
Zinc	100	94.34		ug/L		94	80 - 120

Lab Sample ID: LCS 705-101637/2-A
Matrix: Water
Analysis Batch: 102225

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 101637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	100	88.85		ug/L		89	80 - 120
Thallium	100	95.87		ug/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-101819/1-A
Matrix: Water
Analysis Batch: 102057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/15/25 18:29	12/15/25 23:43	1

Lab Sample ID: LCS 705-101819/2-A
Matrix: Water
Analysis Batch: 102057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.143		ug/L		104	80 - 120

Lab Sample ID: 752-40093-2 MS
Matrix: Water
Analysis Batch: 102057

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 101819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		4.00	4.304		ug/L		108	75 - 125

Lab Sample ID: 752-40093-2 MSD
Matrix: Water
Analysis Batch: 102057

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 101819

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	4.310		ug/L		108	75 - 125	0	20

Method: 350.1 - Nitrogen, Ammonia (Low Level)

Lab Sample ID: MB 705-103206/55
Matrix: Water
Analysis Batch: 103206

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		0.100	0.0184	mg/L			12/19/25 22:59	1

Method: 350.1 - Nitrogen, Ammonia (Low Level) (Continued)

Lab Sample ID: LCS 705-103206/56
Matrix: Water
Analysis Batch: 103206

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)			2.00	2.135		mg/L		107	90 - 110		

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14362/10
Matrix: Water
Analysis Batch: 14362

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			12/10/25 14:03	1

Lab Sample ID: LCS 752-14362/13
Matrix: Water
Analysis Batch: 14362

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N			1.00	1.008		mg/L		101	90 - 110		

Lab Sample ID: LCSD 752-14362/34
Matrix: Water
Analysis Batch: 14362

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N			1.00	1.011		mg/L		101	90 - 110	0	10

Lab Sample ID: 752-40093-1 MS
Matrix: Water
Analysis Batch: 14362

Client Sample ID: MW-4
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	0.9791		mg/L		98	90 - 110		

Lab Sample ID: 752-40093-1 MSD
Matrix: Water
Analysis Batch: 14362

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND		1.00	0.9765		mg/L		98	90 - 110	0	10

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 705-102352/13
Matrix: Water
Analysis Batch: 102352

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		0.0500	0.0141	mg/L			12/17/25 09:32	1

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 705-102352/14
Matrix: Water
Analysis Batch: 102352

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	1.001		mg/L		100	90 - 110		

GC/MS VOA

Analysis Batch: 102332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	8260D	
752-40093-2	MW-5	Total/NA	Water	8260D	
752-40093-3	120925-Dup-1	Total/NA	Water	8260D	
MB 705-102332/5	Method Blank	Total/NA	Water	8260D	
LCS 705-102332/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102332/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 102601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	8260D	
752-40093-2	MW-5	Total/NA	Water	8260D	
752-40093-3	120925-Dup-1	Total/NA	Water	8260D	
MB 705-102601/9	Method Blank	Total/NA	Water	8260D	
LCS 705-102601/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-102601/1003	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	3510C	
752-40093-2	MW-5	Total/NA	Water	3510C	
752-40093-3	120925-Dup-1	Total/NA	Water	3510C	
MB 400-733633/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-733633/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-733633/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 733691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	8270E SIM ID	733633
752-40093-2	MW-5	Total/NA	Water	8270E SIM ID	733633
752-40093-3	120925-Dup-1	Total/NA	Water	8270E SIM ID	733633
MB 400-733633/1-A	Method Blank	Total/NA	Water	8270E SIM ID	733633
LCS 400-733633/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	733633
LCSD 400-733633/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	733633

Prep Batch: 733803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	3511	
752-40093-2	MW-5	Total/NA	Water	3511	
752-40093-3	120925-Dup-1	Total/NA	Water	3511	
MB 400-733803/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-733803/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-733803/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 734043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	8270E	733803
752-40093-2	MW-5	Total/NA	Water	8270E	733803
752-40093-3	120925-Dup-1	Total/NA	Water	8270E	733803
MB 400-733803/1-A	Method Blank	Total/NA	Water	8270E	733803

GC/MS Semi VOA (Continued)

Analysis Batch: 734043 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-733803/2-A	Lab Control Sample	Total/NA	Water	8270E	733803
LCSD 400-733803/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	733803

HPLC/IC

Analysis Batch: 102392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	9056A	
752-40093-2	MW-5	Total/NA	Water	9056A	
752-40093-3	120925-Dup-1	Total/NA	Water	9056A	
MB 705-102392/89	Method Blank	Total/NA	Water	9056A	
LCS 705-102392/90	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 101637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total Recoverable	Water	3005A	
752-40093-2	MW-5	Total Recoverable	Water	3005A	
752-40093-3	120925-Dup-1	Total Recoverable	Water	3005A	
MB 705-101637/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-101637/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 101819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	7470A	
752-40093-2	MW-5	Total/NA	Water	7470A	
752-40093-3	120925-Dup-1	Total/NA	Water	7470A	
MB 705-101819/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-101819/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-40093-2 MS	MW-5	Total/NA	Water	7470A	
752-40093-2 MSD	MW-5	Total/NA	Water	7470A	

Analysis Batch: 101918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total Recoverable	Water	6020B	101637
752-40093-2	MW-5	Total Recoverable	Water	6020B	101637
752-40093-3	120925-Dup-1	Total Recoverable	Water	6020B	101637
MB 705-101637/1-A	Method Blank	Total Recoverable	Water	6020B	101637
LCS 705-101637/2-A	Lab Control Sample	Total Recoverable	Water	6020B	101637

Analysis Batch: 102057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	7470A	101819
752-40093-2	MW-5	Total/NA	Water	7470A	101819
752-40093-3	120925-Dup-1	Total/NA	Water	7470A	101819
MB 705-101819/1-A	Method Blank	Total/NA	Water	7470A	101819
LCS 705-101819/2-A	Lab Control Sample	Total/NA	Water	7470A	101819
752-40093-2 MS	MW-5	Total/NA	Water	7470A	101819
752-40093-2 MSD	MW-5	Total/NA	Water	7470A	101819

QC Association Summary

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Metals

Analysis Batch: 102225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total Recoverable	Water	6020B	101637
752-40093-2	MW-5	Total Recoverable	Water	6020B	101637
752-40093-3	120925-Dup-1	Total Recoverable	Water	6020B	101637
MB 705-101637/1-A	Method Blank	Total Recoverable	Water	6020B	101637
LCS 705-101637/2-A	Lab Control Sample	Total Recoverable	Water	6020B	101637

General Chemistry

Analysis Batch: 14362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	353.2	
752-40093-2	MW-5	Total/NA	Water	353.2	
752-40093-3	120925-Dup-1	Total/NA	Water	353.2	
MB 752-14362/10	Method Blank	Total/NA	Water	353.2	
LCS 752-14362/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14362/34	Lab Control Sample Dup	Total/NA	Water	353.2	
752-40093-1 MS	MW-4	Total/NA	Water	353.2	
752-40093-1 MSD	MW-4	Total/NA	Water	353.2	

Analysis Batch: 101435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	Nitrate by calc	
752-40093-2	MW-5	Total/NA	Water	Nitrate by calc	
752-40093-3	120925-Dup-1	Total/NA	Water	Nitrate by calc	

Analysis Batch: 102352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	353.2	
752-40093-2	MW-5	Total/NA	Water	353.2	
752-40093-3	120925-Dup-1	Total/NA	Water	353.2	
MB 705-102352/13	Method Blank	Total/NA	Water	353.2	
LCS 705-102352/14	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 103206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40093-1	MW-4	Total/NA	Water	350.1	
752-40093-2	MW-5	Total/NA	Water	350.1	
752-40093-3	120925-Dup-1	Total/NA	Water	350.1	
MB 705-103206/55	Method Blank	Total/NA	Water	350.1	
LCS 705-103206/56	Lab Control Sample	Total/NA	Water	350.1	

Lab Chronicle

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Client Sample ID: MW-4

Lab Sample ID: 752-40093-1

Date Collected: 12/09/25 10:45

Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 19:05
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 15:50
Total/NA	Prep	3511			733803	AMM	EET PEN	12/15/25 10:03
Total/NA	Analysis	8270E		1	734043	VC1	EET PEN	12/17/25 12:06
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/12/25 22:08
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 11:58
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 19:37
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:20
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:10
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/19/25 23:53
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:07
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 10:03
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Client Sample ID: MW-5

Lab Sample ID: 752-40093-2

Date Collected: 12/09/25 12:15

Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 19:30
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 16:14
Total/NA	Prep	3511			733803	AMM	EET PEN	12/15/25 10:03
Total/NA	Analysis	8270E		1	734043	VC1	EET PEN	12/17/25 12:39
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/12/25 22:29
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 12:10
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 20:12
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:23
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/15/25 23:50
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/19/25 23:55
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:10
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 10:05
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40093-1
Project/Site: East End Park

Client Sample ID: 120925-Dup-1
Lab Sample ID: 752-40093-3

Date Collected: 12/09/25 00:00
Matrix: Water

Date Received: 12/10/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	102332	Y1S	EET ATL	12/17/25 19:55
Total/NA	Analysis	8260D		1	102601	AG	EET ATL	12/18/25 16:38
Total/NA	Prep	3511			733803	AMM	EET PEN	12/15/25 10:03
Total/NA	Analysis	8270E		1	734043	VC1	EET PEN	12/17/25 13:12
Total/NA	Prep	3510C			733633	AMM	EET PEN	12/12/25 11:54
Total/NA	Analysis	8270E SIM ID		1	733691	VC1	EET PEN	12/12/25 22:50
Total/NA	Analysis	9056A		1	102392	MS	EET ATL 2	12/18/25 12:22
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	101918	MD	EET ATL	12/15/25 20:14
Total Recoverable	Prep	3005A			101637	EF	EET ATL	12/15/25 07:15
Total Recoverable	Analysis	6020B		1	102225	MD	EET ATL	12/16/25 20:26
Total/NA	Prep	7470A			101819	TA	EET ATL	12/15/25 18:29
Total/NA	Analysis	7470A		1	102057	TA	EET ATL	12/16/25 00:14
Total/NA	Analysis	350.1		1	103206	KVK	EET ATL	12/19/25 23:58
Total/NA	Analysis	353.2		1	14362	RKJ	EET RAL	12/10/25 14:11
Total/NA	Analysis	353.2		1	102352	AA	EET ATL	12/17/25 10:07
Total/NA	Analysis	Nitrate by calc		1	101435	JO	EET ATL	12/12/25 18:30

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

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-40093-1
Project/Site: East End Park

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Atlanta

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	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
Nitrate by calc		Water	Nitrate as N

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Method Summary

Client: S&ME Inc
Job ID: 752-40093-1
Project/Site: East End Park

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
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia (Low Level)	EPA	EET ATL
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET ATL
353.2	Nitrogen, Nitrite	EPA	EET RAL
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET 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

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

Sample Summary

Client: S&ME Inc
Project/Site: East End Park

Job ID: 752-40093-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40093-1	MW-4	Water	12/09/25 10:45	12/10/25 08:00	North Carolina
752-40093-2	MW-5	Water	12/09/25 12:15	12/10/25 08:00	North Carolina
752-40093-3	120925-Dup-1	Water	12/09/25 00:00	12/10/25 08:00	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: Chase Porter	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170286-59891.1
Client Contact: Jerry Paul	Phone: (559) 337-1671	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): STANDARD TAT			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 2305063064			
Email: jpaul@smeinc.com	WO #:			
Project Name: ~~Walnut Creek~~ Easy End Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-40093 COC

Other:

NCDEQ EQuIS EDDs

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers
			Preservation Code:				N	N	S	A	D	N	N	
MW-4	12/9/25	1045	G	W			X	X	X	X	X	X	X	
MW-5	↓	1215	↓	↓			X	X	X	X	X	X	X	
120925-DUP-1	↓	—	↓	↓			X	X	X	X	X	X	X	

Initial Temperature: 1.3 °C
Correction Factor: -0.2°C
Corrected Temperature: 1.1 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12/9/25 1800	SME		121025 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7484.1
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 #: 752-40093-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/18/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End 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_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-4 (752-40093-1)	12/9/25	10:45 Eastern	G	Water			X	X		
MW-5 (752-40093-2)	12/9/25	12:15 Eastern	G	Water			X	X		
120925-Dup-1 (752-40093-3)	12/9/25	Eastern	G	Water			X	X		

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PG	12/10/25 16:10			12/11/25 955	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: 2.10c, 1.20c IR11

Ver 10/10/2024

12/22/2025

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7481.1
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 #: 752-40093-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End 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	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
MW-4 (752-40093-1)	12/9/25	10:45 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
MW-5 (752-40093-2)	12/9/25	12:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
120925-Dup-1 (752-40093-3)	12/9/25	Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
AG	12/10/25 16:10			12/11/25 10:19	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: .5 #2666

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: 752-7481.1
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 #: 752-40093-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End 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	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
MW-4 (752-40093-1)	12/9/25	10:45 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
MW-5 (752-40093-2)	12/9/25	12:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
120925-Dup-1 (752-40093-3)	12/9/25	Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[illegible]	12/10/25 16:10		[illegible]	12/11/25 10:14	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: .5 #2666

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: 752-7481.1
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 #: 752-40093-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 12/18/2025			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End 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	350.1_LLAmmonia	353.2Nitrate+Nitrite	Nitrate_CalcNitrate	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
MW-4 (752-40093-1)	12/9/25	10:45 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
MW-5 (752-40093-2)	12/9/25	12:15 Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only
120925-Dup-1 (752-40093-3)	12/9/25	Eastern	G	Water			X	X	X	X	X	X	X	6	, Sulfate only

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	PG	12/10/25 16:10		Tgf	12/11/25 1019	
2						
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: .5 #2665

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40093-1

Login Number: 40093

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: 752-40093-1

Login Number: 40093
List Number: 2
Creator: Taylor, Renee

List Source: Eurofins Atlanta
List Creation: 12/11/25 01:16 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: 752-40093-1

Login Number: 40093
List Number: 3
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 12/12/25 09:51 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	2.1, 1.2°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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/31/2025 8:24:35 PM

JOB DESCRIPTION

East End Park, Durham, NC

JOB NUMBER

752-40321-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Authorized for release by
Chad Bechtold, Project Manager
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Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

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

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-40321-1

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

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

Receipt
The samples were received on 12/15/2025 5:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C.

Receipt Exceptions
One container for the following sample was received broken upon arrival.

GC/MS VOA
Method 8260D_LL: The laboratory control sample (LCS) for analytical batch 705-104245 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.

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

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-734131 and analytical batch 400-734192 recovered outside control limits for the following analytes: 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2-Methylphenol, Bis(2-chloroethyl)ether and Diethyl phthalate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample (LCS) for 400-734192 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Method 8270E_QQQ: 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 samples contained an allowable number of surrogate compounds outside limits: 823-SW-9 (752-40321-1), 823-SW-8 (752-40321-2), 823-SW-7 (752-40321-3), 823-SW-5 (752-40321-5) and (MB 400-734131/1-A). These results have been reported and qualified.

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 - Total Recoverable: The method blank for preparation batch 705-102805 and analytical batch 705-103230 contained Antimony above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-digestion 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
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-9
Lab Sample ID: 752-40321-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.98		1.00	0.227	ug/L	1		8260D	Total/NA
Trichloroethene	0.213	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.59	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	1.15		1.00	0.304	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.385		0.291	0.291	ug/L	1		8270E SIM ID	Total/NA
Sulfate	47.1		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	53.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.03		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.13		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	70.8		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.40	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	30.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0640	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-8
Lab Sample ID: 752-40321-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.63		1.00	0.227	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.309	J	1.00	0.214	ug/L	1		8260D	Total/NA
Trichloroethene	0.264	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.49	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.788	J	1.00	0.304	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.318		0.313	0.313	ug/L	1		8270E SIM ID	Total/NA
Sulfate	46.5		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	53.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.04		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	83.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.50	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	26.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0440	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.44		1.00	0.227	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.462	J	1.00	0.214	ug/L	1		8260D	Total/NA
Trichloroethene	0.272	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.59	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.707	J	1.00	0.304	ug/L	1		8260D	Total/NA
Sulfate	46.7		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	54.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.65	J	2.00	0.642	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SW-7 (Continued)
Lab Sample ID: 752-40321-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	89.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.30	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	24.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0490	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-6
Lab Sample ID: 752-40321-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.55		1.00	0.227	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.368	J	1.00	0.214	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.83	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.411	J	1.00	0.304	ug/L	1		8260D	Total/NA
Sulfate	46.8		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	52.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.43	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	82.3		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.19	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	22.7		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0370	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.31		1.00	0.227	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	0.633	J	5.00	0.270	ug/L	1		8260D	Total/NA
Sulfate	49.9	F1	1.00	0.767	mg/L	1		9056A	Total/NA
Barium	39.6		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.73		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	65.2		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	18.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0310	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-4
Lab Sample ID: 752-40321-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	52.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	27.1		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.60	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	24.7		5.00	1.29	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SW-4 (Continued)
Lab Sample ID: 752-40321-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.539	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	12.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0310	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-3
Lab Sample ID: 752-40321-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	52.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	25.4		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.32		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	30.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Zinc	13.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0510	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-2
Lab Sample ID: 752-40321-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	53.0		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	26.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	1.26	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	35.6		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.947	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	17.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0700	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-1
Lab Sample ID: 752-40321-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.277	J	1.00	0.216	ug/L	1		8260D	Total/NA
Sulfate	54.6		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	25.8		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.61		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	37.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Zinc	23.9		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0870	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.77		1.00	0.227	ug/L	1		8260D	Total/NA
Trichloroethene	0.294	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.99	J	5.00	0.270	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-Dup (Continued)
Lab Sample ID: 752-40321-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.412	J	1.00	0.304	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.363		0.284	0.284	ug/L	1		8270E SIM ID	Total/NA
Sulfate	46.9		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	56.8		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.412	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	2.64		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.12		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	185		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.50	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	31.5		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0410	J	0.100	0.0184	mg/L	1		350.1	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-40321-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-9
Lab Sample ID: 752-40321-1
Date Collected: 12/15/25 09:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/26/25 22:00	1
Benzene	ND		1.00	0.200	ug/L			12/26/25 22:00	1
Bromobenzene	ND		1.00	0.222	ug/L			12/26/25 22:00	1
Bromoform	ND		1.00	0.458	ug/L			12/26/25 22:00	1
Bromomethane	ND		1.00	0.470	ug/L			12/26/25 22:00	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/26/25 22:00	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/26/25 22:00	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/26/25 22:00	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/26/25 22:00	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/26/25 22:00	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/26/25 22:00	1
Chloroethane	ND		1.00	0.374	ug/L			12/26/25 22:00	1
Chloroform	ND		1.00	0.216	ug/L			12/26/25 22:00	1
Chloromethane	ND		1.00	0.371	ug/L			12/26/25 22:00	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/26/25 22:00	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/26/25 22:00	1
cis-1,2-Dichloroethene	**3.98**		1.00	0.227	ug/L			12/26/25 22:00	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/26/25 22:00	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/26/25 22:00	1
Dibromomethane	ND		1.00	0.318	ug/L			12/26/25 22:00	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 22:00	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/26/25 22:00	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 22:00	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/26/25 22:00	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/26/25 22:00	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/26/25 22:00	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/26/25 22:00	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/26/25 22:00	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/26/25 22:00	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/26/25 22:00	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/26/25 22:00	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/26/25 22:00	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/26/25 22:00	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/26/25 22:00	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/26/25 22:00	1
Hexane	ND		10.0	3.63	ug/L			12/26/25 22:00	1
2-Hexanone	ND		10.0	3.47	ug/L			12/26/25 22:00	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 22:00	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/26/25 22:00	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			12/26/25 22:00	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/26/25 22:00	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/26/25 22:00	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/26/25 22:00	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/26/25 22:00	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/26/25 22:00	1
Naphthalene	ND		2.00	1.56	ug/L			12/26/25 22:00	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/26/25 22:00	1
n-Heptane	ND		10.0	3.05	ug/L			12/26/25 22:00	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/26/25 22:00	1

Client Sample ID: 823-SW-9
Lab Sample ID: 752-40321-1
Date Collected: 12/15/25 09:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/26/25 22:00	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/26/25 22:00	1
Styrene	ND		1.00	0.194	ug/L			12/26/25 22:00	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/26/25 22:00	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/26/25 22:00	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/26/25 22:00	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/26/25 22:00	1
Toluene	ND		1.00	0.197	ug/L			12/26/25 22:00	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/26/25 22:00	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/26/25 22:00	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/26/25 22:00	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/26/25 22:00	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/26/25 22:00	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/26/25 22:00	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/26/25 22:00	1
Trichloroethene	**0.213**	**J**	1.00	0.211	ug/L			12/26/25 22:00	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/26/25 22:00	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/26/25 22:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.59**	**J**	5.00	0.270	ug/L			12/26/25 22:00	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/26/25 22:00	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/26/25 22:00	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/26/25 22:00	1
Vinyl chloride	**1.15**		1.00	0.304	ug/L			12/26/25 22:00	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/26/25 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 126*		*12/26/25 22:00*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 22:00*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 22:00*	*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	**0.385**		0.291	0.291	ug/L		12/18/25 12:50	12/22/25 10:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 140*	*12/18/25 12:50*	*12/22/25 10:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,4,5-Trichlorophenol	ND	*+	10.2	0.549	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,4,6-Trichlorophenol	ND	*+	10.2	1.11	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,4-Dichlorophenol	ND	*+	10.2	0.580	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/17/25 16:07	12/18/25 16:39	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/17/25 16:07	12/18/25 16:39	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/17/25 16:07	12/18/25 16:39	1
2-Chlorophenol	ND		10.2	0.854	ug/L		12/17/25 16:07	12/18/25 16:39	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/17/25 16:07	12/18/25 16:39	1

Client Sample ID: 823-SW-9
Lab Sample ID: 752-40321-1
Date Collected: 12/15/25 09:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	10.2	0.773	ug/L		12/17/25 16:07	12/18/25 16:39	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/17/25 16:07	12/18/25 16:39	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/17/25 16:07	12/18/25 16:39	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/17/25 16:07	12/18/25 16:39	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/17/25 16:07	12/18/25 16:39	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/17/25 16:07	12/18/25 16:39	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/17/25 16:07	12/18/25 16:39	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/17/25 16:07	12/18/25 16:39	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/17/25 16:07	12/18/25 16:39	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/17/25 16:07	12/18/25 16:39	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/17/25 16:07	12/18/25 16:39	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/17/25 16:07	12/18/25 16:39	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/17/25 16:07	12/18/25 16:39	1
Acenaphthene	ND		10.2	0.641	ug/L		12/17/25 16:07	12/18/25 16:39	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/17/25 16:07	12/18/25 16:39	1
Acetophenone	ND		10.2	3.25	ug/L		12/17/25 16:07	12/18/25 16:39	1
Anthracene	ND		10.2	0.925	ug/L		12/17/25 16:07	12/18/25 16:39	1
Atrazine	ND		10.2	1.15	ug/L		12/17/25 16:07	12/18/25 16:39	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/17/25 16:07	12/18/25 16:39	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/17/25 16:07	12/18/25 16:39	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/17/25 16:07	12/18/25 16:39	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/17/25 16:07	12/18/25 16:39	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/17/25 16:07	12/18/25 16:39	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/17/25 16:07	12/18/25 16:39	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/17/25 16:07	12/18/25 16:39	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/17/25 16:07	12/18/25 16:39	1
Bis(2-chloroethyl)ether	ND	*+	10.2	0.742	ug/L		12/17/25 16:07	12/18/25 16:39	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/17/25 16:07	12/18/25 16:39	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/17/25 16:07	12/18/25 16:39	1
Caprolactam	ND		10.2	2.44	ug/L		12/17/25 16:07	12/18/25 16:39	1
Carbazole	ND		10.2	0.325	ug/L		12/17/25 16:07	12/18/25 16:39	1
Chrysene	ND		10.2	1.22	ug/L		12/17/25 16:07	12/18/25 16:39	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/17/25 16:07	12/18/25 16:39	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/17/25 16:07	12/18/25 16:39	1
Diethyl phthalate	ND	*+	10.2	4.07	ug/L		12/17/25 16:07	12/18/25 16:39	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/17/25 16:07	12/18/25 16:39	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/17/25 16:07	12/18/25 16:39	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/17/25 16:07	12/18/25 16:39	1
Fluoranthene	ND		10.2	0.641	ug/L		12/17/25 16:07	12/18/25 16:39	1
Fluorene	ND		10.2	0.681	ug/L		12/17/25 16:07	12/18/25 16:39	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/17/25 16:07	12/18/25 16:39	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/17/25 16:07	12/18/25 16:39	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/17/25 16:07	12/18/25 16:39	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/17/25 16:07	12/18/25 16:39	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/17/25 16:07	12/18/25 16:39	1
Isophorone	ND		10.2	0.814	ug/L		12/17/25 16:07	12/18/25 16:39	1
Naphthalene	ND		10.2	0.763	ug/L		12/17/25 16:07	12/18/25 16:39	1
Nitrobenzene	ND		10.2	0.610	ug/L		12/17/25 16:07	12/18/25 16:39	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/17/25 16:07	12/18/25 16:39	1

Client Sample ID: 823-SW-9
Lab Sample ID: 752-40321-1
Date Collected: 12/15/25 09:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/17/25 16:07	12/18/25 16:39	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/17/25 16:07	12/18/25 16:39	1
Phenanthrene	ND		10.2	0.753	ug/L		12/17/25 16:07	12/18/25 16:39	1
Phenol	ND		10.2	0.692	ug/L		12/17/25 16:07	12/18/25 16:39	1
Pyrene	ND		10.2	0.641	ug/L		12/17/25 16:07	12/18/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*153*	*S1+*	*10 - 150*	*12/17/25 16:07*	*12/18/25 16:39*	*1*
2-Fluorobiphenyl (Surr)	*122*		*25 - 139*	*12/17/25 16:07*	*12/18/25 16:39*	*1*
2-Fluorophenol (Surr)	*123*		*10 - 150*	*12/17/25 16:07*	*12/18/25 16:39*	*1*
Nitrobenzene-d5 (Surr)	*129*		*22 - 150*	*12/17/25 16:07*	*12/18/25 16:39*	*1*
Phenol-d5 (Surr)	*129*		*10 - 150*	*12/17/25 16:07*	*12/18/25 16:39*	*1*
Terphenyl-d14 (Surr)	*98*		*28 - 150*	*12/17/25 16:07*	*12/18/25 16:39*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**47.1**		1.00	0.767	mg/L			12/23/25 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 20:54	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 20:54	1
Barium	**53.4**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 20:54	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 20:54	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 20:54	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 20:54	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 20:54	1
Copper	**2.03**		2.00	0.642	ug/L		12/18/25 17:23	12/19/25 20:54	1
Lead	**1.13**		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 20:54	1
Manganese	**70.8**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 20:54	1
Nickel	**1.40**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 20:54	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 20:54	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 20:54	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 20:54	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 20:54	1
Zinc	**30.6**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 20:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 00:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0640**	**J**	0.100	0.0184	mg/L			12/23/25 20:41	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:04	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-8
Lab Sample ID: 752-40321-2
Date Collected: 12/15/25 10:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/28/25 22:21	1
Benzene	ND		1.00	0.200	ug/L			12/28/25 22:21	1
Bromobenzene	ND		1.00	0.222	ug/L			12/28/25 22:21	1
Bromoform	ND		1.00	0.458	ug/L			12/28/25 22:21	1
Bromomethane	ND		1.00	0.470	ug/L			12/28/25 22:21	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/28/25 22:21	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/28/25 22:21	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/28/25 22:21	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/28/25 22:21	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/28/25 22:21	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/28/25 22:21	1
Chloroethane	ND		1.00	0.374	ug/L			12/28/25 22:21	1
Chloroform	ND		1.00	0.216	ug/L			12/28/25 22:21	1
Chloromethane	ND		1.00	0.371	ug/L			12/28/25 22:21	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/28/25 22:21	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/28/25 22:21	1
cis-1,2-Dichloroethene	**3.63**		1.00	0.227	ug/L			12/28/25 22:21	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/28/25 22:21	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/28/25 22:21	1
Dibromomethane	ND		1.00	0.318	ug/L			12/28/25 22:21	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/28/25 22:21	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/28/25 22:21	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/28/25 22:21	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/28/25 22:21	1
1,1-Dichloroethane	**0.309**	**J**	1.00	0.214	ug/L			12/28/25 22:21	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/28/25 22:21	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/28/25 22:21	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/28/25 22:21	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/28/25 22:21	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/28/25 22:21	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/28/25 22:21	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/28/25 22:21	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/28/25 22:21	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/28/25 22:21	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/28/25 22:21	1
Hexane	ND		10.0	3.63	ug/L			12/28/25 22:21	1
2-Hexanone	ND		10.0	3.47	ug/L			12/28/25 22:21	1
Iodomethane	ND		2.00	0.403	ug/L			12/28/25 22:21	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/28/25 22:21	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/28/25 22:21	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/28/25 22:21	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/28/25 22:21	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/28/25 22:21	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/28/25 22:21	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/28/25 22:21	1
Naphthalene	ND		2.00	1.56	ug/L			12/28/25 22:21	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/28/25 22:21	1
n-Heptane	ND		10.0	3.05	ug/L			12/28/25 22:21	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/28/25 22:21	1

Client Sample ID: 823-SW-8
Lab Sample ID: 752-40321-2
Date Collected: 12/15/25 10:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/28/25 22:21	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/28/25 22:21	1
Styrene	ND		1.00	0.194	ug/L			12/28/25 22:21	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/28/25 22:21	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/28/25 22:21	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/28/25 22:21	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/28/25 22:21	1
Toluene	ND		1.00	0.197	ug/L			12/28/25 22:21	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/28/25 22:21	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/28/25 22:21	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/28/25 22:21	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/28/25 22:21	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/28/25 22:21	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/28/25 22:21	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/28/25 22:21	1
Trichloroethene	**0.264**	**J**	1.00	0.211	ug/L			12/28/25 22:21	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/28/25 22:21	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/28/25 22:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.49**	**J**	5.00	0.270	ug/L			12/28/25 22:21	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/28/25 22:21	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/28/25 22:21	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/28/25 22:21	1
Vinyl chloride	**0.788**	**J**	1.00	0.304	ug/L			12/28/25 22:21	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/28/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 126*		*12/28/25 22:21*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*12/28/25 22:21*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/28/25 22:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.318**		0.313	0.313	ug/L		12/18/25 12:50	12/22/25 11:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 140*	*12/18/25 12:50*	*12/22/25 11:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.430	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,4,5-Trichlorophenol	ND	*+	10.2	0.553	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,4,6-Trichlorophenol	ND	*+	10.2	1.12	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,4-Dichlorophenol	ND	*+	10.2	0.584	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/17/25 16:07	12/18/25 17:12	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/17/25 16:07	12/18/25 17:12	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/17/25 16:07	12/18/25 17:12	1
2-Chlorophenol	ND		10.2	0.860	ug/L		12/17/25 16:07	12/18/25 17:12	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/17/25 16:07	12/18/25 17:12	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-8
Lab Sample ID: 752-40321-2
Date Collected: 12/15/25 10:15
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	10.2	0.778	ug/L		12/17/25 16:07	12/18/25 17:12	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/17/25 16:07	12/18/25 17:12	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/17/25 16:07	12/18/25 17:12	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/17/25 16:07	12/18/25 17:12	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/17/25 16:07	12/18/25 17:12	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/17/25 16:07	12/18/25 17:12	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/17/25 16:07	12/18/25 17:12	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/17/25 16:07	12/18/25 17:12	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/17/25 16:07	12/18/25 17:12	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/17/25 16:07	12/18/25 17:12	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/17/25 16:07	12/18/25 17:12	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/17/25 16:07	12/18/25 17:12	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/17/25 16:07	12/18/25 17:12	1
Acenaphthene	ND		10.2	0.645	ug/L		12/17/25 16:07	12/18/25 17:12	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/17/25 16:07	12/18/25 17:12	1
Acetophenone	ND		10.2	3.28	ug/L		12/17/25 16:07	12/18/25 17:12	1
Anthracene	ND		10.2	0.932	ug/L		12/17/25 16:07	12/18/25 17:12	1
Atrazine	ND		10.2	1.16	ug/L		12/17/25 16:07	12/18/25 17:12	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/17/25 16:07	12/18/25 17:12	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/17/25 16:07	12/18/25 17:12	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/17/25 16:07	12/18/25 17:12	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/17/25 16:07	12/18/25 17:12	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/17/25 16:07	12/18/25 17:12	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/17/25 16:07	12/18/25 17:12	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/17/25 16:07	12/18/25 17:12	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/17/25 16:07	12/18/25 17:12	1
Bis(2-chloroethyl)ether	ND	*+	10.2	0.747	ug/L		12/17/25 16:07	12/18/25 17:12	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/17/25 16:07	12/18/25 17:12	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/17/25 16:07	12/18/25 17:12	1
Caprolactam	ND		10.2	2.46	ug/L		12/17/25 16:07	12/18/25 17:12	1
Carbazole	ND		10.2	0.328	ug/L		12/17/25 16:07	12/18/25 17:12	1
Chrysene	ND		10.2	1.23	ug/L		12/17/25 16:07	12/18/25 17:12	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/17/25 16:07	12/18/25 17:12	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/17/25 16:07	12/18/25 17:12	1
Diethyl phthalate	ND	*+	10.2	4.10	ug/L		12/17/25 16:07	12/18/25 17:12	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/17/25 16:07	12/18/25 17:12	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/17/25 16:07	12/18/25 17:12	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/17/25 16:07	12/18/25 17:12	1
Fluoranthene	ND		10.2	0.645	ug/L		12/17/25 16:07	12/18/25 17:12	1
Fluorene	ND		10.2	0.686	ug/L		12/17/25 16:07	12/18/25 17:12	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/17/25 16:07	12/18/25 17:12	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/17/25 16:07	12/18/25 17:12	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/17/25 16:07	12/18/25 17:12	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/17/25 16:07	12/18/25 17:12	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/17/25 16:07	12/18/25 17:12	1
Isophorone	ND		10.2	0.819	ug/L		12/17/25 16:07	12/18/25 17:12	1
Naphthalene	ND		10.2	0.768	ug/L		12/17/25 16:07	12/18/25 17:12	1
Nitrobenzene	ND		10.2	0.614	ug/L		12/17/25 16:07	12/18/25 17:12	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/17/25 16:07	12/18/25 17:12	1

Client Sample ID: 823-SW-8
Lab Sample ID: 752-40321-2
Date Collected: 12/15/25 10:15
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/17/25 16:07	12/18/25 17:12	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/17/25 16:07	12/18/25 17:12	1
Phenanthrene	ND		10.2	0.758	ug/L		12/17/25 16:07	12/18/25 17:12	1
Phenol	ND		10.2	0.696	ug/L		12/17/25 16:07	12/18/25 17:12	1
Pyrene	ND		10.2	0.645	ug/L		12/17/25 16:07	12/18/25 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*148*		*10 - 150*	*12/17/25 16:07*	*12/18/25 17:12*	*1*
2-Fluorobiphenyl (Surr)	*116*		*25 - 139*	*12/17/25 16:07*	*12/18/25 17:12*	*1*
2-Fluorophenol (Surr)	*137*		*10 - 150*	*12/17/25 16:07*	*12/18/25 17:12*	*1*
Nitrobenzene-d5 (Surr)	*131*		*22 - 150*	*12/17/25 16:07*	*12/18/25 17:12*	*1*
Phenol-d5 (Surr)	*151*	*S1+*	*10 - 150*	*12/17/25 16:07*	*12/18/25 17:12*	*1*
Terphenyl-d14 (Surr)	*84*		*28 - 150*	*12/17/25 16:07*	*12/18/25 17:12*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**46.5**		1.00	0.767	mg/L			12/23/25 22:03	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		12/18/25 17:23	12/19/25 21:00	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:00	1
Barium	**53.4**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:00	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:00	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:00	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:00	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:00	1
Copper	**2.04**		2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:00	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:00	1
Manganese	**83.5**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:00	1
Nickel	**1.50**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:00	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:00	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:00	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:00	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:00	1
Zinc	**26.4**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:00	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		12/29/25 20:35	12/30/25 01:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0440**	**J**	0.100	0.0184	mg/L			12/23/25 21:23	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:05	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3
Date Collected: 12/15/25 10:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/28/25 21:58	1
Benzene	ND		1.00	0.200	ug/L			12/28/25 21:58	1
Bromobenzene	ND		1.00	0.222	ug/L			12/28/25 21:58	1
Bromoform	ND		1.00	0.458	ug/L			12/28/25 21:58	1
Bromomethane	ND		1.00	0.470	ug/L			12/28/25 21:58	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/28/25 21:58	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/28/25 21:58	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/28/25 21:58	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/28/25 21:58	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/28/25 21:58	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/28/25 21:58	1
Chloroethane	ND		1.00	0.374	ug/L			12/28/25 21:58	1
Chloroform	ND		1.00	0.216	ug/L			12/28/25 21:58	1
Chloromethane	ND		1.00	0.371	ug/L			12/28/25 21:58	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/28/25 21:58	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/28/25 21:58	1
cis-1,2-Dichloroethene	**3.44**		1.00	0.227	ug/L			12/28/25 21:58	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/28/25 21:58	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/28/25 21:58	1
Dibromomethane	ND		1.00	0.318	ug/L			12/28/25 21:58	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/28/25 21:58	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/28/25 21:58	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/28/25 21:58	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/28/25 21:58	1
1,1-Dichloroethane	**0.462**	**J**	1.00	0.214	ug/L			12/28/25 21:58	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/28/25 21:58	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/28/25 21:58	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/28/25 21:58	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/28/25 21:58	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/28/25 21:58	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/28/25 21:58	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/28/25 21:58	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/28/25 21:58	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/28/25 21:58	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/28/25 21:58	1
Hexane	ND		10.0	3.63	ug/L			12/28/25 21:58	1
2-Hexanone	ND		10.0	3.47	ug/L			12/28/25 21:58	1
Iodomethane	ND		2.00	0.403	ug/L			12/28/25 21:58	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/28/25 21:58	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/28/25 21:58	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/28/25 21:58	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/28/25 21:58	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/28/25 21:58	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/28/25 21:58	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/28/25 21:58	1
Naphthalene	ND		2.00	1.56	ug/L			12/28/25 21:58	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/28/25 21:58	1
n-Heptane	ND		10.0	3.05	ug/L			12/28/25 21:58	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/28/25 21:58	1

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3
Date Collected: 12/15/25 10:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/28/25 21:58	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/28/25 21:58	1
Styrene	ND		1.00	0.194	ug/L			12/28/25 21:58	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/28/25 21:58	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/28/25 21:58	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/28/25 21:58	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/28/25 21:58	1
Toluene	ND		1.00	0.197	ug/L			12/28/25 21:58	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/28/25 21:58	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/28/25 21:58	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/28/25 21:58	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/28/25 21:58	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/28/25 21:58	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/28/25 21:58	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/28/25 21:58	1
Trichloroethene	**0.272**	**J**	1.00	0.211	ug/L			12/28/25 21:58	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/28/25 21:58	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/28/25 21:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.59**	**J**	5.00	0.270	ug/L			12/28/25 21:58	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/28/25 21:58	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/28/25 21:58	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/28/25 21:58	1
Vinyl chloride	**0.707**	**J**	1.00	0.304	ug/L			12/28/25 21:58	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/28/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*12/28/25 21:58*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*12/28/25 21:58*	*1*
Toluene-d8 (Surr)	*105*		*79 - 119*		*12/28/25 21:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.307	0.307	ug/L		12/18/25 12:50	12/22/25 11:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 140*	*12/18/25 12:50*	*12/22/25 11:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,4,5-Trichlorophenol	ND	*+	10.1	0.547	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,4,6-Trichlorophenol	ND	*+	10.1	1.10	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,4-Dichlorophenol	ND	*+	10.1	0.578	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		12/17/25 16:07	12/18/25 17:45	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		12/17/25 16:07	12/18/25 17:45	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/17/25 16:07	12/18/25 17:45	1
2-Chlorophenol	ND		10.1	0.851	ug/L		12/17/25 16:07	12/18/25 17:45	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/17/25 16:07	12/18/25 17:45	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3
Date Collected: 12/15/25 10:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	*+	10.1	0.770	ug/L		12/17/25 16:07	12/18/25 17:45	1
2-Nitroaniline	ND		10.1	1.39	ug/L		12/17/25 16:07	12/18/25 17:45	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/17/25 16:07	12/18/25 17:45	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/17/25 16:07	12/18/25 17:45	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/17/25 16:07	12/18/25 17:45	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/17/25 16:07	12/18/25 17:45	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/17/25 16:07	12/18/25 17:45	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		12/17/25 16:07	12/18/25 17:45	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/17/25 16:07	12/18/25 17:45	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/17/25 16:07	12/18/25 17:45	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		12/17/25 16:07	12/18/25 17:45	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/17/25 16:07	12/18/25 17:45	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/17/25 16:07	12/18/25 17:45	1
Acenaphthene	ND		10.1	0.639	ug/L		12/17/25 16:07	12/18/25 17:45	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/17/25 16:07	12/18/25 17:45	1
Acetophenone	ND		10.1	3.24	ug/L		12/17/25 16:07	12/18/25 17:45	1
Anthracene	ND		10.1	0.922	ug/L		12/17/25 16:07	12/18/25 17:45	1
Atrazine	ND		10.1	1.15	ug/L		12/17/25 16:07	12/18/25 17:45	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/17/25 16:07	12/18/25 17:45	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/17/25 16:07	12/18/25 17:45	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/17/25 16:07	12/18/25 17:45	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/17/25 16:07	12/18/25 17:45	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/17/25 16:07	12/18/25 17:45	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/17/25 16:07	12/18/25 17:45	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		12/17/25 16:07	12/18/25 17:45	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		12/17/25 16:07	12/18/25 17:45	1
Bis(2-chloroethyl)ether	ND	*+	10.1	0.740	ug/L		12/17/25 16:07	12/18/25 17:45	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/17/25 16:07	12/18/25 17:45	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/17/25 16:07	12/18/25 17:45	1
Caprolactam	ND		10.1	2.43	ug/L		12/17/25 16:07	12/18/25 17:45	1
Carbazole	ND		10.1	0.324	ug/L		12/17/25 16:07	12/18/25 17:45	1
Chrysene	ND		10.1	1.22	ug/L		12/17/25 16:07	12/18/25 17:45	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/17/25 16:07	12/18/25 17:45	1
Dibenzofuran	ND		10.1	0.649	ug/L		12/17/25 16:07	12/18/25 17:45	1
Diethyl phthalate	ND	*+	10.1	4.05	ug/L		12/17/25 16:07	12/18/25 17:45	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		12/17/25 16:07	12/18/25 17:45	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		12/17/25 16:07	12/18/25 17:45	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/17/25 16:07	12/18/25 17:45	1
Fluoranthene	ND		10.1	0.639	ug/L		12/17/25 16:07	12/18/25 17:45	1
Fluorene	ND		10.1	0.679	ug/L		12/17/25 16:07	12/18/25 17:45	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/17/25 16:07	12/18/25 17:45	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/17/25 16:07	12/18/25 17:45	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/17/25 16:07	12/18/25 17:45	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/17/25 16:07	12/18/25 17:45	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/17/25 16:07	12/18/25 17:45	1
Isophorone	ND		10.1	0.811	ug/L		12/17/25 16:07	12/18/25 17:45	1
Naphthalene	ND		10.1	0.760	ug/L		12/17/25 16:07	12/18/25 17:45	1
Nitrobenzene	ND		10.1	0.608	ug/L		12/17/25 16:07	12/18/25 17:45	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		12/17/25 16:07	12/18/25 17:45	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3
Date Collected: 12/15/25 10:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		12/17/25 16:07	12/18/25 17:45	1
Pentachlorophenol	ND		10.1	2.84	ug/L		12/17/25 16:07	12/18/25 17:45	1
Phenanthrene	ND		10.1	0.750	ug/L		12/17/25 16:07	12/18/25 17:45	1
Phenol	ND		10.1	0.689	ug/L		12/17/25 16:07	12/18/25 17:45	1
Pyrene	ND		10.1	0.639	ug/L		12/17/25 16:07	12/18/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*154*	*S1+*	*10 - 150*	*12/17/25 16:07*	*12/18/25 17:45*	*1*
2-Fluorobiphenyl (Surr)	*126*		*25 - 139*	*12/17/25 16:07*	*12/18/25 17:45*	*1*
2-Fluorophenol (Surr)	*131*		*10 - 150*	*12/17/25 16:07*	*12/18/25 17:45*	*1*
Nitrobenzene-d5 (Surr)	*130*		*22 - 150*	*12/17/25 16:07*	*12/18/25 17:45*	*1*
Phenol-d5 (Surr)	*142*		*10 - 150*	*12/17/25 16:07*	*12/18/25 17:45*	*1*
Terphenyl-d14 (Surr)	*85*		*28 - 150*	*12/17/25 16:07*	*12/18/25 17:45*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**46.7**		1.00	0.767	mg/L			12/23/25 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 21:06	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:06	1
Barium	**54.6**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:06	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:06	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:06	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:06	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:06	1
Copper	**1.65**	**J**	2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:06	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:06	1
Manganese	**89.6**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:06	1
Nickel	**1.30**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:06	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:06	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:06	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:06	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:06	1
Zinc	**24.3**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:06	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		12/29/25 20:35	12/30/25 01:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0490**	**J**	0.100	0.0184	mg/L			12/23/25 21:26	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:07	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-6
Lab Sample ID: 752-40321-4
Date Collected: 12/15/25 11:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 09:06	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 09:06	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 09:06	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 09:06	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 09:06	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 09:06	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 09:06	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 09:06	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 09:06	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 09:06	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 09:06	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 09:06	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 09:06	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 09:06	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 09:06	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 09:06	1
cis-1,2-Dichloroethene	**2.55**		1.00	0.227	ug/L			12/24/25 09:06	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 09:06	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 09:06	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 09:06	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 09:06	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 09:06	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 09:06	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 09:06	1
1,1-Dichloroethane	**0.368**	**J**	1.00	0.214	ug/L			12/24/25 09:06	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 09:06	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 09:06	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 09:06	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 09:06	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 09:06	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 09:06	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 09:06	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 09:06	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 09:06	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 09:06	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 09:06	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 09:06	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 21:06	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 09:06	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 09:06	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 09:06	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 09:06	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 09:06	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 09:06	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 09:06	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 09:06	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 09:06	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 09:06	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 09:06	1

Client Sample ID: 823-SW-6
Lab Sample ID: 752-40321-4
Date Collected: 12/15/25 11:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 09:06	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 09:06	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 09:06	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 09:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 09:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 09:06	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 09:06	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 09:06	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 09:06	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 09:06	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 09:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 09:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 09:06	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 09:06	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 09:06	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 09:06	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 09:06	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 09:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.83**	**J**	5.00	0.270	ug/L			12/24/25 09:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 09:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 09:06	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 09:06	1
Vinyl chloride	**0.411**	**J**	1.00	0.304	ug/L			12/24/25 09:06	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 126*		*12/24/25 09:06*	*1*
4-Bromofluorobenzene	*96*		*70 - 126*		*12/26/25 21:06*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/24/25 09:06*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 21:06*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/24/25 09:06*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 21:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.307	0.307	ug/L		12/18/25 12:50	12/22/25 11:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 140*	*12/18/25 12:50*	*12/22/25 11:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,4,5-Trichlorophenol	ND	*+	10.0	0.542	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,4,6-Trichlorophenol	ND	*+	10.0	1.09	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,4-Dichlorophenol	ND	*+	10.0	0.572	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		12/17/25 16:07	12/18/25 18:19	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		12/17/25 16:07	12/18/25 18:19	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-6
Lab Sample ID: 752-40321-4
Date Collected: 12/15/25 11:15
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10.0	0.381	ug/L		12/17/25 16:07	12/18/25 18:19	1
2-Chlorophenol	ND		10.0	0.843	ug/L		12/17/25 16:07	12/18/25 18:19	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		12/17/25 16:07	12/18/25 18:19	1
2-Methylphenol	ND	*+	10.0	0.763	ug/L		12/17/25 16:07	12/18/25 18:19	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/17/25 16:07	12/18/25 18:19	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/17/25 16:07	12/18/25 18:19	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		12/17/25 16:07	12/18/25 18:19	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		12/17/25 16:07	12/18/25 18:19	1
3-Nitroaniline	ND		10.0	0.953	ug/L		12/17/25 16:07	12/18/25 18:19	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		12/17/25 16:07	12/18/25 18:19	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/17/25 16:07	12/18/25 18:19	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		12/17/25 16:07	12/18/25 18:19	1
4-Chloroaniline	ND		10.0	0.582	ug/L		12/17/25 16:07	12/18/25 18:19	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		12/17/25 16:07	12/18/25 18:19	1
4-Nitroaniline	ND		10.0	3.51	ug/L		12/17/25 16:07	12/18/25 18:19	1
4-Nitrophenol	ND		10.0	2.75	ug/L		12/17/25 16:07	12/18/25 18:19	1
Acenaphthene	ND		10.0	0.632	ug/L		12/17/25 16:07	12/18/25 18:19	1
Acenaphthylene	ND		10.0	0.763	ug/L		12/17/25 16:07	12/18/25 18:19	1
Acetophenone	ND		10.0	3.21	ug/L		12/17/25 16:07	12/18/25 18:19	1
Anthracene	ND		10.0	0.913	ug/L		12/17/25 16:07	12/18/25 18:19	1
Atrazine	ND		10.0	1.13	ug/L		12/17/25 16:07	12/18/25 18:19	1
Benzaldehyde	ND		10.0	0.672	ug/L		12/17/25 16:07	12/18/25 18:19	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/17/25 16:07	12/18/25 18:19	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/17/25 16:07	12/18/25 18:19	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/17/25 16:07	12/18/25 18:19	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		12/17/25 16:07	12/18/25 18:19	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		12/17/25 16:07	12/18/25 18:19	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		12/17/25 16:07	12/18/25 18:19	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		12/17/25 16:07	12/18/25 18:19	1
Bis(2-chloroethyl)ether	ND	*+	10.0	0.732	ug/L		12/17/25 16:07	12/18/25 18:19	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		12/17/25 16:07	12/18/25 18:19	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		12/17/25 16:07	12/18/25 18:19	1
Caprolactam	ND		10.0	2.41	ug/L		12/17/25 16:07	12/18/25 18:19	1
Carbazole	ND		10.0	0.321	ug/L		12/17/25 16:07	12/18/25 18:19	1
Chrysene	ND		10.0	1.20	ug/L		12/17/25 16:07	12/18/25 18:19	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/17/25 16:07	12/18/25 18:19	1
Dibenzofuran	ND		10.0	0.642	ug/L		12/17/25 16:07	12/18/25 18:19	1
Diethyl phthalate	ND	*+	10.0	4.01	ug/L		12/17/25 16:07	12/18/25 18:19	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		12/17/25 16:07	12/18/25 18:19	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		12/17/25 16:07	12/18/25 18:19	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		12/17/25 16:07	12/18/25 18:19	1
Fluoranthene	ND		10.0	0.632	ug/L		12/17/25 16:07	12/18/25 18:19	1
Fluorene	ND		10.0	0.672	ug/L		12/17/25 16:07	12/18/25 18:19	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		12/17/25 16:07	12/18/25 18:19	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		12/17/25 16:07	12/18/25 18:19	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		12/17/25 16:07	12/18/25 18:19	1
Hexachloroethane	ND		10.0	0.532	ug/L		12/17/25 16:07	12/18/25 18:19	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/17/25 16:07	12/18/25 18:19	1
Isophorone	ND		10.0	0.803	ug/L		12/17/25 16:07	12/18/25 18:19	1

Client Sample ID: 823-SW-6
Lab Sample ID: 752-40321-4
Date Collected: 12/15/25 11:15
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10.0	0.753	ug/L		12/17/25 16:07	12/18/25 18:19	1
Nitrobenzene	ND		10.0	0.602	ug/L		12/17/25 16:07	12/18/25 18:19	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		12/17/25 16:07	12/18/25 18:19	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		12/17/25 16:07	12/18/25 18:19	1
Pentachlorophenol	ND		10.0	2.81	ug/L		12/17/25 16:07	12/18/25 18:19	1
Phenanthrene	ND		10.0	0.742	ug/L		12/17/25 16:07	12/18/25 18:19	1
Phenol	ND		10.0	0.682	ug/L		12/17/25 16:07	12/18/25 18:19	1
Pyrene	ND		10.0	0.632	ug/L		12/17/25 16:07	12/18/25 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*138*		*10 - 150*	*12/17/25 16:07*	*12/18/25 18:19*	*1*
2-Fluorobiphenyl (Surr)	*118*		*25 - 139*	*12/17/25 16:07*	*12/18/25 18:19*	*1*
2-Fluorophenol (Surr)	*127*		*10 - 150*	*12/17/25 16:07*	*12/18/25 18:19*	*1*
Nitrobenzene-d5 (Surr)	*125*		*22 - 150*	*12/17/25 16:07*	*12/18/25 18:19*	*1*
Phenol-d5 (Surr)	*143*		*10 - 150*	*12/17/25 16:07*	*12/18/25 18:19*	*1*
Terphenyl-d14 (Surr)	*88*		*28 - 150*	*12/17/25 16:07*	*12/18/25 18:19*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**46.8**		1.00	0.767	mg/L			12/23/25 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 21:28	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:28	1
Barium	**52.4**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:28	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:28	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:28	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:28	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:28	1
Copper	**1.43**	**J**	2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:28	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:28	1
Manganese	**82.3**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:28	1
Nickel	**1.19**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:28	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:28	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:28	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:28	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:28	1
Zinc	**22.7**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 01:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0370**	**J**	0.100	0.0184	mg/L			12/23/25 21:29	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:09	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5
Date Collected: 12/15/25 11:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 10:02	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 10:02	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 10:02	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 10:02	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 10:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 10:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 10:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 10:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 10:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 10:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 10:02	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 10:02	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 10:02	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 10:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 10:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 10:02	1
cis-1,2-Dichloroethene	**1.31**		1.00	0.227	ug/L			12/24/25 10:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 10:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 10:02	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 10:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 10:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 10:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 10:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 10:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 10:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 10:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 10:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 10:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 10:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 10:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 10:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 10:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 10:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 10:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 10:02	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 10:02	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 10:02	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 21:30	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 10:02	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 10:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 10:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 10:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 10:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 10:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 10:02	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 10:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 10:02	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 10:02	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 10:02	1

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5
Date Collected: 12/15/25 11:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 10:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 10:02	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 10:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 10:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 10:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 10:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 10:02	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 10:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 10:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 10:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 10:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 10:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 10:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 10:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 10:02	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 10:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 10:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.633	J	5.00	0.270	ug/L			12/24/25 10:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 10:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 10:02	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 10:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 10:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 126*		*12/24/25 10:02*	*1*
4-Bromofluorobenzene	*96*		*70 - 126*		*12/26/25 21:30*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/24/25 10:02*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 21:30*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/24/25 10:02*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/26/25 21:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		12/18/25 12:50	12/22/25 12:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 140*	*12/18/25 12:50*	*12/22/25 12:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.84	0.413	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,4,5-Trichlorophenol	ND	*+	9.84	0.531	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,4,6-Trichlorophenol	ND	*+	9.84	1.07	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,4-Dichlorophenol	ND	*+	9.84	0.561	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,4-Dimethylphenol	ND		9.84	0.236	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,4-Dinitrophenol	ND		29.5	4.60	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,4-Dinitrotoluene	ND		9.84	0.639	ug/L		12/17/25 16:07	12/18/25 18:52	1
2,6-Dinitrotoluene	ND		9.84	0.285	ug/L		12/17/25 16:07	12/18/25 18:52	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5
Date Collected: 12/15/25 11:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		9.84	0.374	ug/L		12/17/25 16:07	12/18/25 18:52	1
2-Chlorophenol	ND		9.84	0.826	ug/L		12/17/25 16:07	12/18/25 18:52	1
2-Methylnaphthalene	ND		9.84	0.797	ug/L		12/17/25 16:07	12/18/25 18:52	1
2-Methylphenol	ND	*+	9.84	0.748	ug/L		12/17/25 16:07	12/18/25 18:52	1
2-Nitroaniline	ND		9.84	1.35	ug/L		12/17/25 16:07	12/18/25 18:52	1
2-Nitrophenol	ND		9.84	1.15	ug/L		12/17/25 16:07	12/18/25 18:52	1
3 & 4 Methylphenol	ND		19.7	4.52	ug/L		12/17/25 16:07	12/18/25 18:52	1
3,3'-Dichlorobenzidine	ND		10.8	0.403	ug/L		12/17/25 16:07	12/18/25 18:52	1
3-Nitroaniline	ND		9.84	0.934	ug/L		12/17/25 16:07	12/18/25 18:52	1
4,6-Dinitro-2-methylphenol	ND		9.84	1.94	ug/L		12/17/25 16:07	12/18/25 18:52	1
4-Bromophenyl phenyl ether	ND		9.84	0.128	ug/L		12/17/25 16:07	12/18/25 18:52	1
4-Chloro-3-methylphenol	ND		9.84	0.718	ug/L		12/17/25 16:07	12/18/25 18:52	1
4-Chloroaniline	ND		9.84	0.570	ug/L		12/17/25 16:07	12/18/25 18:52	1
4-Chlorophenyl phenyl ether	ND		9.84	0.236	ug/L		12/17/25 16:07	12/18/25 18:52	1
4-Nitroaniline	ND		9.84	3.44	ug/L		12/17/25 16:07	12/18/25 18:52	1
4-Nitrophenol	ND		9.84	2.70	ug/L		12/17/25 16:07	12/18/25 18:52	1
Acenaphthene	ND		9.84	0.620	ug/L		12/17/25 16:07	12/18/25 18:52	1
Acenaphthylene	ND		9.84	0.748	ug/L		12/17/25 16:07	12/18/25 18:52	1
Acetophenone	ND		9.84	3.15	ug/L		12/17/25 16:07	12/18/25 18:52	1
Anthracene	ND		9.84	0.895	ug/L		12/17/25 16:07	12/18/25 18:52	1
Atrazine	ND		9.84	1.11	ug/L		12/17/25 16:07	12/18/25 18:52	1
Benzaldehyde	ND		9.84	0.659	ug/L		12/17/25 16:07	12/18/25 18:52	1
Benzo[a]anthracene	ND		9.84	0.984	ug/L		12/17/25 16:07	12/18/25 18:52	1
Benzo[a]pyrene	ND		9.84	1.08	ug/L		12/17/25 16:07	12/18/25 18:52	1
Benzo[b]fluoranthene	ND		9.84	1.18	ug/L		12/17/25 16:07	12/18/25 18:52	1
Benzo[g,h,i]perylene	ND		9.84	1.48	ug/L		12/17/25 16:07	12/18/25 18:52	1
Benzo[k]fluoranthene	ND		9.84	1.48	ug/L		12/17/25 16:07	12/18/25 18:52	1
bis (2-chloroisopropyl) ether	ND		9.84	0.915	ug/L		12/17/25 16:07	12/18/25 18:52	1
Bis(2-chloroethoxy)methane	ND		9.84	0.334	ug/L		12/17/25 16:07	12/18/25 18:52	1
Bis(2-chloroethyl)ether	ND	*+	9.84	0.718	ug/L		12/17/25 16:07	12/18/25 18:52	1
Bis(2-ethylhexyl) phthalate	ND		9.84	3.93	ug/L		12/17/25 16:07	12/18/25 18:52	1
Butyl benzyl phthalate	ND		9.84	3.93	ug/L		12/17/25 16:07	12/18/25 18:52	1
Caprolactam	ND		9.84	2.36	ug/L		12/17/25 16:07	12/18/25 18:52	1
Carbazole	ND		9.84	0.315	ug/L		12/17/25 16:07	12/18/25 18:52	1
Chrysene	ND		9.84	1.18	ug/L		12/17/25 16:07	12/18/25 18:52	1
Dibenz(a,h)anthracene	ND		9.84	1.28	ug/L		12/17/25 16:07	12/18/25 18:52	1
Dibenzofuran	ND		9.84	0.630	ug/L		12/17/25 16:07	12/18/25 18:52	1
Diethyl phthalate	ND	*+	9.84	3.93	ug/L		12/17/25 16:07	12/18/25 18:52	1
Dimethyl phthalate	ND		9.84	3.93	ug/L		12/17/25 16:07	12/18/25 18:52	1
Di-n-butyl phthalate	ND		9.84	8.06	ug/L		12/17/25 16:07	12/18/25 18:52	1
Di-n-octyl phthalate	ND		9.84	3.93	ug/L		12/17/25 16:07	12/18/25 18:52	1
Fluoranthene	ND		9.84	0.620	ug/L		12/17/25 16:07	12/18/25 18:52	1
Fluorene	ND		9.84	0.659	ug/L		12/17/25 16:07	12/18/25 18:52	1
Hexachlorobenzene	ND		9.84	0.246	ug/L		12/17/25 16:07	12/18/25 18:52	1
Hexachlorobutadiene	ND		9.84	0.541	ug/L		12/17/25 16:07	12/18/25 18:52	1
Hexachlorocyclopentadiene	ND		19.7	0.315	ug/L		12/17/25 16:07	12/18/25 18:52	1
Hexachloroethane	ND		9.84	0.521	ug/L		12/17/25 16:07	12/18/25 18:52	1
Indeno[1,2,3-cd]pyrene	ND		9.84	1.08	ug/L		12/17/25 16:07	12/18/25 18:52	1
Isophorone	ND		9.84	0.787	ug/L		12/17/25 16:07	12/18/25 18:52	1

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5
Date Collected: 12/15/25 11:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.84	0.738	ug/L		12/17/25 16:07	12/18/25 18:52	1
Nitrobenzene	ND		9.84	0.590	ug/L		12/17/25 16:07	12/18/25 18:52	1
N-Nitrosodi-n-propylamine	ND		9.84	0.325	ug/L		12/17/25 16:07	12/18/25 18:52	1
N-Nitrosodiphenylamine	ND		9.84	0.187	ug/L		12/17/25 16:07	12/18/25 18:52	1
Pentachlorophenol	ND		9.84	2.75	ug/L		12/17/25 16:07	12/18/25 18:52	1
Phenanthrene	ND		9.84	0.728	ug/L		12/17/25 16:07	12/18/25 18:52	1
Phenol	ND		9.84	0.669	ug/L		12/17/25 16:07	12/18/25 18:52	1
Pyrene	ND		9.84	0.620	ug/L		12/17/25 16:07	12/18/25 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*133*		*10 - 150*	*12/17/25 16:07*	*12/18/25 18:52*	*1*
2-Fluorobiphenyl (Surr)	*114*		*25 - 139*	*12/17/25 16:07*	*12/18/25 18:52*	*1*
2-Fluorophenol (Surr)	*136*		*10 - 150*	*12/17/25 16:07*	*12/18/25 18:52*	*1*
Nitrobenzene-d5 (Surr)	*127*		*22 - 150*	*12/17/25 16:07*	*12/18/25 18:52*	*1*
Phenol-d5 (Surr)	*152*	*S1+*	*10 - 150*	*12/17/25 16:07*	*12/18/25 18:52*	*1*
Terphenyl-d14 (Surr)	*80*		*28 - 150*	*12/17/25 16:07*	*12/18/25 18:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**49.9**	**F1**	1.00	0.767	mg/L			12/23/25 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 21:34	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:34	1
Barium	**39.6**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:34	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:34	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:34	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:34	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:34	1
Copper	**2.73**		2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:34	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:34	1
Manganese	**65.2**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:34	1
Nickel	**1.06**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:34	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:34	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:34	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:34	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:34	1
Zinc	**18.9**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 01:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0310**	**J**	0.100	0.0184	mg/L			12/23/25 21:31	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:10	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-4
Lab Sample ID: 752-40321-6
Date Collected: 12/15/25 12:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 10:59	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 10:59	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 10:59	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 10:59	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 10:59	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 10:59	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 10:59	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 10:59	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 10:59	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 10:59	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 10:59	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 10:59	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 10:59	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 10:59	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 10:59	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 10:59	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/24/25 10:59	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 10:59	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 10:59	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 10:59	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 10:59	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 10:59	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 10:59	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 10:59	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 10:59	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 10:59	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 10:59	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 10:59	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 10:59	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 10:59	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 10:59	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 10:59	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 10:59	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 10:59	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 10:59	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 10:59	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 10:59	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 21:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 10:59	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 10:59	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 10:59	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 10:59	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 10:59	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 10:59	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 10:59	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 10:59	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 10:59	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 10:59	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 10:59	1

Client Sample ID: 823-SW-4
Lab Sample ID: 752-40321-6
Date Collected: 12/15/25 12:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 10:59	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 10:59	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 10:59	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 10:59	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 10:59	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 10:59	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 10:59	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 10:59	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 10:59	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 10:59	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 10:59	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 10:59	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 10:59	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 10:59	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 10:59	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 10:59	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 10:59	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 10:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/24/25 10:59	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 10:59	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 10:59	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 10:59	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 10:59	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 126*		*12/24/25 10:59*	*1*
4-Bromofluorobenzene	*96*		*70 - 126*		*12/26/25 21:54*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*12/24/25 10:59*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/26/25 21:54*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/24/25 10:59*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/26/25 21:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		12/18/25 12:50	12/22/25 12:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 140*	*12/18/25 12:50*	*12/22/25 12:40*	*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		10.1	0.424	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,4,5-Trichlorophenol	ND	*+	10.1	0.545	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,4,6-Trichlorophenol	ND	*+	10.1	1.10	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,4-Dichlorophenol	ND	*+	10.1	0.576	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		12/17/25 16:07	12/18/25 19:25	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		12/17/25 16:07	12/18/25 19:25	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		12/17/25 16:07	12/18/25 19:25	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-4
Lab Sample ID: 752-40321-6
Date Collected: 12/15/25 12:15
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.1	0.848	ug/L		12/17/25 16:07	12/18/25 19:25	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		12/17/25 16:07	12/18/25 19:25	1
2-Methylphenol	ND	*+	10.1	0.768	ug/L		12/17/25 16:07	12/18/25 19:25	1
2-Nitroaniline	ND		10.1	1.38	ug/L		12/17/25 16:07	12/18/25 19:25	1
2-Nitrophenol	ND		10.1	1.18	ug/L		12/17/25 16:07	12/18/25 19:25	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		12/17/25 16:07	12/18/25 19:25	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		12/17/25 16:07	12/18/25 19:25	1
3-Nitroaniline	ND		10.1	0.960	ug/L		12/17/25 16:07	12/18/25 19:25	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		12/17/25 16:07	12/18/25 19:25	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		12/17/25 16:07	12/18/25 19:25	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		12/17/25 16:07	12/18/25 19:25	1
4-Chloroaniline	ND		10.1	0.586	ug/L		12/17/25 16:07	12/18/25 19:25	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		12/17/25 16:07	12/18/25 19:25	1
4-Nitroaniline	ND		10.1	3.54	ug/L		12/17/25 16:07	12/18/25 19:25	1
4-Nitrophenol	ND		10.1	2.77	ug/L		12/17/25 16:07	12/18/25 19:25	1
Acenaphthene	ND		10.1	0.636	ug/L		12/17/25 16:07	12/18/25 19:25	1
Acenaphthylene	ND		10.1	0.768	ug/L		12/17/25 16:07	12/18/25 19:25	1
Acetophenone	ND		10.1	3.23	ug/L		12/17/25 16:07	12/18/25 19:25	1
Anthracene	ND		10.1	0.919	ug/L		12/17/25 16:07	12/18/25 19:25	1
Atrazine	ND		10.1	1.14	ug/L		12/17/25 16:07	12/18/25 19:25	1
Benzaldehyde	ND		10.1	0.677	ug/L		12/17/25 16:07	12/18/25 19:25	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/17/25 16:07	12/18/25 19:25	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/17/25 16:07	12/18/25 19:25	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		12/17/25 16:07	12/18/25 19:25	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/17/25 16:07	12/18/25 19:25	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/17/25 16:07	12/18/25 19:25	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		12/17/25 16:07	12/18/25 19:25	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		12/17/25 16:07	12/18/25 19:25	1
Bis(2-chloroethyl)ether	ND	*+	10.1	0.737	ug/L		12/17/25 16:07	12/18/25 19:25	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		12/17/25 16:07	12/18/25 19:25	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		12/17/25 16:07	12/18/25 19:25	1
Caprolactam	ND		10.1	2.42	ug/L		12/17/25 16:07	12/18/25 19:25	1
Carbazole	ND		10.1	0.323	ug/L		12/17/25 16:07	12/18/25 19:25	1
Chrysene	ND		10.1	1.21	ug/L		12/17/25 16:07	12/18/25 19:25	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		12/17/25 16:07	12/18/25 19:25	1
Dibenzofuran	ND		10.1	0.646	ug/L		12/17/25 16:07	12/18/25 19:25	1
Diethyl phthalate	ND	*+	10.1	4.04	ug/L		12/17/25 16:07	12/18/25 19:25	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		12/17/25 16:07	12/18/25 19:25	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		12/17/25 16:07	12/18/25 19:25	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		12/17/25 16:07	12/18/25 19:25	1
Fluoranthene	ND		10.1	0.636	ug/L		12/17/25 16:07	12/18/25 19:25	1
Fluorene	ND		10.1	0.677	ug/L		12/17/25 16:07	12/18/25 19:25	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/17/25 16:07	12/18/25 19:25	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		12/17/25 16:07	12/18/25 19:25	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		12/17/25 16:07	12/18/25 19:25	1
Hexachloroethane	ND		10.1	0.535	ug/L		12/17/25 16:07	12/18/25 19:25	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/17/25 16:07	12/18/25 19:25	1
Isophorone	ND		10.1	0.808	ug/L		12/17/25 16:07	12/18/25 19:25	1
Naphthalene	ND		10.1	0.758	ug/L		12/17/25 16:07	12/18/25 19:25	1

Client Sample ID: 823-SW-4
Lab Sample ID: 752-40321-6
Date Collected: 12/15/25 12:15
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.1	0.606	ug/L		12/17/25 16:07	12/18/25 19:25	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		12/17/25 16:07	12/18/25 19:25	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		12/17/25 16:07	12/18/25 19:25	1
Pentachlorophenol	ND		10.1	2.83	ug/L		12/17/25 16:07	12/18/25 19:25	1
Phenanthrene	ND		10.1	0.747	ug/L		12/17/25 16:07	12/18/25 19:25	1
Phenol	ND		10.1	0.687	ug/L		12/17/25 16:07	12/18/25 19:25	1
Pyrene	ND		10.1	0.636	ug/L		12/17/25 16:07	12/18/25 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*150*		*10 - 150*	*12/17/25 16:07*	*12/18/25 19:25*	*1*
2-Fluorobiphenyl (Surr)	*124*		*25 - 139*	*12/17/25 16:07*	*12/18/25 19:25*	*1*
2-Fluorophenol (Surr)	*120*		*10 - 150*	*12/17/25 16:07*	*12/18/25 19:25*	*1*
Nitrobenzene-d5 (Surr)	*137*		*22 - 150*	*12/17/25 16:07*	*12/18/25 19:25*	*1*
Phenol-d5 (Surr)	*122*		*10 - 150*	*12/17/25 16:07*	*12/18/25 19:25*	*1*
Terphenyl-d14 (Surr)	*97*		*28 - 150*	*12/17/25 16:07*	*12/18/25 19:25*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**52.4**		1.00	0.767	mg/L			12/24/25 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 21:36	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:36	1
Barium	**27.1**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:36	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:36	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:36	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:36	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:36	1
Copper	**1.60**	**J**	2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:36	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:36	1
Manganese	**24.7**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:36	1
Nickel	**0.539**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:36	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:36	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:36	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:36	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:36	1
Zinc	**12.4**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:36	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		12/29/25 20:35	12/30/25 01:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0310**	**J**	0.100	0.0184	mg/L			12/23/25 21:34	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:12	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-3
Lab Sample ID: 752-40321-7
Date Collected: 12/15/25 12:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 11:27	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 11:27	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 11:27	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 11:27	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 11:27	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 11:27	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 11:27	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 11:27	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 11:27	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 11:27	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 11:27	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 11:27	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 11:27	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 11:27	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 11:27	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 11:27	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/24/25 11:27	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 11:27	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 11:27	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 11:27	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 11:27	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 11:27	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 11:27	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 11:27	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 11:27	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 11:27	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 11:27	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 11:27	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 11:27	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 11:27	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 11:27	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 11:27	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 11:27	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 11:27	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 11:27	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 11:27	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 11:27	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 22:18	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 11:27	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 11:27	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 11:27	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 11:27	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 11:27	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 11:27	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 11:27	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 11:27	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 11:27	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 11:27	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 11:27	1

Client Sample ID: 823-SW-3
Lab Sample ID: 752-40321-7
Date Collected: 12/15/25 12:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 11:27	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 11:27	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 11:27	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 11:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 11:27	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 11:27	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 11:27	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 11:27	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 11:27	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 11:27	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 11:27	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 11:27	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 11:27	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 11:27	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 11:27	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 11:27	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 11:27	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/24/25 11:27	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 11:27	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 11:27	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 11:27	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 11:27	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 126*		*12/24/25 11:27*	*1*
4-Bromofluorobenzene	*96*		*70 - 126*		*12/26/25 22:18*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/24/25 11:27*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 22:18*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/24/25 11:27*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/26/25 22:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		12/18/25 12:50	12/22/25 13:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 140*	*12/18/25 12:50*	*12/22/25 13:01*	*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		10.0	0.420	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,4,5-Trichlorophenol	ND	*+	10.0	0.540	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,4,6-Trichlorophenol	ND	*+	10.0	1.09	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,4-Dichlorophenol	ND	*+	10.0	0.570	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/17/25 16:07	12/18/25 19:58	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/17/25 16:07	12/18/25 19:58	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/17/25 16:07	12/18/25 19:58	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-3
Lab Sample ID: 752-40321-7
Date Collected: 12/15/25 12:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.0	0.840	ug/L		12/17/25 16:07	12/18/25 19:58	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/17/25 16:07	12/18/25 19:58	1
2-Methylphenol	ND	*+	10.0	0.760	ug/L		12/17/25 16:07	12/18/25 19:58	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/17/25 16:07	12/18/25 19:58	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/17/25 16:07	12/18/25 19:58	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/17/25 16:07	12/18/25 19:58	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/17/25 16:07	12/18/25 19:58	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/17/25 16:07	12/18/25 19:58	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/17/25 16:07	12/18/25 19:58	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/17/25 16:07	12/18/25 19:58	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/17/25 16:07	12/18/25 19:58	1
4-Chloroaniline	ND		10.0	0.580	ug/L		12/17/25 16:07	12/18/25 19:58	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/17/25 16:07	12/18/25 19:58	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/17/25 16:07	12/18/25 19:58	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/17/25 16:07	12/18/25 19:58	1
Acenaphthene	ND		10.0	0.630	ug/L		12/17/25 16:07	12/18/25 19:58	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/17/25 16:07	12/18/25 19:58	1
Acetophenone	ND		10.0	3.20	ug/L		12/17/25 16:07	12/18/25 19:58	1
Anthracene	ND		10.0	0.910	ug/L		12/17/25 16:07	12/18/25 19:58	1
Atrazine	ND		10.0	1.13	ug/L		12/17/25 16:07	12/18/25 19:58	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/17/25 16:07	12/18/25 19:58	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/17/25 16:07	12/18/25 19:58	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/17/25 16:07	12/18/25 19:58	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/17/25 16:07	12/18/25 19:58	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/17/25 16:07	12/18/25 19:58	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/17/25 16:07	12/18/25 19:58	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/17/25 16:07	12/18/25 19:58	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/17/25 16:07	12/18/25 19:58	1
Bis(2-chloroethyl)ether	ND	*+	10.0	0.730	ug/L		12/17/25 16:07	12/18/25 19:58	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/17/25 16:07	12/18/25 19:58	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:07	12/18/25 19:58	1
Caprolactam	ND		10.0	2.40	ug/L		12/17/25 16:07	12/18/25 19:58	1
Carbazole	ND		10.0	0.320	ug/L		12/17/25 16:07	12/18/25 19:58	1
Chrysene	ND		10.0	1.20	ug/L		12/17/25 16:07	12/18/25 19:58	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/17/25 16:07	12/18/25 19:58	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/17/25 16:07	12/18/25 19:58	1
Diethyl phthalate	ND	*+	10.0	4.00	ug/L		12/17/25 16:07	12/18/25 19:58	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:07	12/18/25 19:58	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/17/25 16:07	12/18/25 19:58	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:07	12/18/25 19:58	1
Fluoranthene	ND		10.0	0.630	ug/L		12/17/25 16:07	12/18/25 19:58	1
Fluorene	ND		10.0	0.670	ug/L		12/17/25 16:07	12/18/25 19:58	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/17/25 16:07	12/18/25 19:58	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/17/25 16:07	12/18/25 19:58	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/17/25 16:07	12/18/25 19:58	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/17/25 16:07	12/18/25 19:58	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/17/25 16:07	12/18/25 19:58	1
Isophorone	ND		10.0	0.800	ug/L		12/17/25 16:07	12/18/25 19:58	1
Naphthalene	ND		10.0	0.750	ug/L		12/17/25 16:07	12/18/25 19:58	1

Client Sample ID: 823-SW-3
Lab Sample ID: 752-40321-7
Date Collected: 12/15/25 12:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.0	0.600	ug/L		12/17/25 16:07	12/18/25 19:58	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/17/25 16:07	12/18/25 19:58	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/17/25 16:07	12/18/25 19:58	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/17/25 16:07	12/18/25 19:58	1
Phenanthrene	ND		10.0	0.740	ug/L		12/17/25 16:07	12/18/25 19:58	1
Phenol	ND		10.0	0.680	ug/L		12/17/25 16:07	12/18/25 19:58	1
Pyrene	ND		10.0	0.630	ug/L		12/17/25 16:07	12/18/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*147*		*10 - 150*	*12/17/25 16:07*	*12/18/25 19:58*	*1*
2-Fluorobiphenyl (Surr)	*117*		*25 - 139*	*12/17/25 16:07*	*12/18/25 19:58*	*1*
2-Fluorophenol (Surr)	*108*		*10 - 150*	*12/17/25 16:07*	*12/18/25 19:58*	*1*
Nitrobenzene-d5 (Surr)	*134*		*22 - 150*	*12/17/25 16:07*	*12/18/25 19:58*	*1*
Phenol-d5 (Surr)	*103*		*10 - 150*	*12/17/25 16:07*	*12/18/25 19:58*	*1*
Terphenyl-d14 (Surr)	*85*		*28 - 150*	*12/17/25 16:07*	*12/18/25 19:58*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**52.4**		1.00	0.767	mg/L			12/24/25 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/29/25 18:10	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/29/25 18:10	1
Barium	**25.4**		10.0	0.410	ug/L		12/18/25 17:23	12/29/25 18:10	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/29/25 18:10	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/29/25 18:10	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/29/25 18:10	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/29/25 18:10	1
Copper	**2.32**		2.00	0.642	ug/L		12/18/25 17:23	12/29/25 18:10	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/29/25 18:10	1
Manganese	**30.2**		5.00	1.29	ug/L		12/18/25 17:23	12/29/25 18:10	1
Nickel	ND		5.00	0.422	ug/L		12/18/25 17:23	12/29/25 18:10	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/29/25 18:10	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/29/25 18:10	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/29/25 18:10	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/29/25 18:10	1
Zinc	**13.9**		10.0	8.91	ug/L		12/18/25 17:23	12/29/25 18:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 01:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0510**	**J**	0.100	0.0184	mg/L			12/23/25 21:37	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:14	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-2
Lab Sample ID: 752-40321-8
Date Collected: 12/15/25 13:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 11:55	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 11:55	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 11:55	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 11:55	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 11:55	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 11:55	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 11:55	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 11:55	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 11:55	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 11:55	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 11:55	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 11:55	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 11:55	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 11:55	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 11:55	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 11:55	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/24/25 11:55	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 11:55	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 11:55	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 11:55	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 11:55	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 11:55	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 11:55	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 11:55	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 11:55	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 11:55	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 11:55	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 11:55	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 11:55	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 11:55	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 11:55	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 11:55	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 11:55	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 11:55	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 11:55	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 11:55	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 11:55	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 22:42	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 11:55	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 11:55	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 11:55	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 11:55	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 11:55	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 11:55	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 11:55	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 11:55	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 11:55	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 11:55	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 11:55	1

Client Sample ID: 823-SW-2
Lab Sample ID: 752-40321-8
Date Collected: 12/15/25 13:15
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 11:55	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 11:55	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 11:55	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 11:55	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 11:55	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 11:55	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 11:55	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 11:55	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 11:55	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 11:55	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 11:55	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 11:55	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 11:55	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 11:55	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 11:55	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 11:55	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 11:55	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/24/25 11:55	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 11:55	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 11:55	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 11:55	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 11:55	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 126*		*12/24/25 11:55*	*1*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/26/25 22:42*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/24/25 11:55*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 22:42*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/24/25 11:55*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 22:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.286	0.286	ug/L		12/18/25 12:50	12/22/25 13:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 140*	*12/18/25 12:50*	*12/22/25 13:22*	*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		12/17/25 15:37	12/19/25 16:15	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		12/17/25 15:37	12/19/25 16:15	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		12/17/25 15:37	12/19/25 16:15	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		12/17/25 15:37	12/19/25 16:15	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		12/17/25 15:37	12/19/25 16:15	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		12/17/25 15:37	12/19/25 16:15	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		12/17/25 15:37	12/19/25 16:15	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		12/17/25 15:37	12/19/25 16:15	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		12/17/25 15:37	12/19/25 16:15	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-2
Lab Sample ID: 752-40321-8
Date Collected: 12/15/25 13:15
Matrix: Water
Date Received: 12/15/25 17:06

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	0.854	ug/L		12/17/25 15:37	12/19/25 16:15	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		12/17/25 15:37	12/19/25 16:15	1
2-Methylphenol	ND		10.2	0.773	ug/L		12/17/25 15:37	12/19/25 16:15	1
2-Nitroaniline	ND		10.2	1.39	ug/L		12/17/25 15:37	12/19/25 16:15	1
2-Nitrophenol	ND		10.2	1.19	ug/L		12/17/25 15:37	12/19/25 16:15	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		12/17/25 15:37	12/19/25 16:15	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		12/17/25 15:37	12/19/25 16:15	1
3-Nitroaniline	ND		10.2	0.966	ug/L		12/17/25 15:37	12/19/25 16:15	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		12/17/25 15:37	12/19/25 16:15	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		12/17/25 15:37	12/19/25 16:15	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		12/17/25 15:37	12/19/25 16:15	1
4-Chloroaniline	ND		10.2	0.590	ug/L		12/17/25 15:37	12/19/25 16:15	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		12/17/25 15:37	12/19/25 16:15	1
4-Nitroaniline	ND		10.2	3.56	ug/L		12/17/25 15:37	12/19/25 16:15	1
4-Nitrophenol	ND		10.2	2.79	ug/L		12/17/25 15:37	12/19/25 16:15	1
Acenaphthene	ND		10.2	0.641	ug/L		12/17/25 15:37	12/19/25 16:15	1
Acenaphthylene	ND		10.2	0.773	ug/L		12/17/25 15:37	12/19/25 16:15	1
Acetophenone	ND		10.2	3.25	ug/L		12/17/25 15:37	12/19/25 16:15	1
Anthracene	ND		10.2	0.925	ug/L		12/17/25 15:37	12/19/25 16:15	1
Atrazine	ND		10.2	1.15	ug/L		12/17/25 15:37	12/19/25 16:15	1
Benzaldehyde	ND		10.2	0.681	ug/L		12/17/25 15:37	12/19/25 16:15	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/17/25 15:37	12/19/25 16:15	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		12/17/25 15:37	12/19/25 16:15	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		12/17/25 15:37	12/19/25 16:15	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		12/17/25 15:37	12/19/25 16:15	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		12/17/25 15:37	12/19/25 16:15	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		12/17/25 15:37	12/19/25 16:15	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		12/17/25 15:37	12/19/25 16:15	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		12/17/25 15:37	12/19/25 16:15	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		12/17/25 15:37	12/19/25 16:15	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		12/17/25 15:37	12/19/25 16:15	1
Caprolactam	ND		10.2	2.44	ug/L		12/17/25 15:37	12/19/25 16:15	1
Carbazole	ND		10.2	0.325	ug/L		12/17/25 15:37	12/19/25 16:15	1
Chrysene	ND		10.2	1.22	ug/L		12/17/25 15:37	12/19/25 16:15	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		12/17/25 15:37	12/19/25 16:15	1
Dibenzofuran	ND		10.2	0.651	ug/L		12/17/25 15:37	12/19/25 16:15	1
Diethyl phthalate	ND		10.2	4.07	ug/L		12/17/25 15:37	12/19/25 16:15	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		12/17/25 15:37	12/19/25 16:15	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		12/17/25 15:37	12/19/25 16:15	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		12/17/25 15:37	12/19/25 16:15	1
Fluoranthene	ND		10.2	0.641	ug/L		12/17/25 15:37	12/19/25 16:15	1
Fluorene	ND		10.2	0.681	ug/L		12/17/25 15:37	12/19/25 16:15	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		12/17/25 15:37	12/19/25 16:15	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		12/17/25 15:37	12/19/25 16:15	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		12/17/25 15:37	12/19/25 16:15	1
Hexachloroethane	ND		10.2	0.539	ug/L		12/17/25 15:37	12/19/25 16:15	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		12/17/25 15:37	12/19/25 16:15	1
Isophorone	ND		10.2	0.814	ug/L		12/17/25 15:37	12/19/25 16:15	1
Naphthalene	ND		10.2	0.763	ug/L		12/17/25 15:37	12/19/25 16:15	1

Client Sample ID: 823-SW-2
Lab Sample ID: 752-40321-8
Date Collected: 12/15/25 13:15
Matrix: Water
Date Received: 12/15/25 17:06

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	0.610	ug/L		12/17/25 15:37	12/19/25 16:15	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		12/17/25 15:37	12/19/25 16:15	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		12/17/25 15:37	12/19/25 16:15	1
Pentachlorophenol	ND		10.2	2.85	ug/L		12/17/25 15:37	12/19/25 16:15	1
Phenanthrene	ND		10.2	0.753	ug/L		12/17/25 15:37	12/19/25 16:15	1
Phenol	ND		10.2	0.692	ug/L		12/17/25 15:37	12/19/25 16:15	1
Pyrene	ND		10.2	0.641	ug/L		12/17/25 15:37	12/19/25 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 150*	*12/17/25 15:37*	*12/19/25 16:15*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*12/17/25 15:37*	*12/19/25 16:15*	*1*
2-Fluorophenol (Surr)	*100*		*10 - 150*	*12/17/25 15:37*	*12/19/25 16:15*	*1*
Nitrobenzene-d5 (Surr)	*93*		*22 - 150*	*12/17/25 15:37*	*12/19/25 16:15*	*1*
Phenol-d5 (Surr)	*109*		*10 - 150*	*12/17/25 15:37*	*12/19/25 16:15*	*1*
Terphenyl-d14 (Surr)	*67*		*28 - 150*	*12/17/25 15:37*	*12/19/25 16:15*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**53.0**		1.00	0.767	mg/L			12/24/25 00:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 21:42	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:42	1
Barium	**26.0**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:42	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:42	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:42	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:42	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:42	1
Copper	**1.26**	**J**	2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:42	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:42	1
Manganese	**35.6**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:42	1
Nickel	**0.947**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:42	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:42	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:42	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:42	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:42	1
Zinc	**17.6**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:42	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		12/30/25 18:55	12/30/25 22:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0700**	**J**	0.100	0.0184	mg/L			12/23/25 21:51	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:15	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-1
Lab Sample ID: 752-40321-9
Date Collected: 12/15/25 13:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 12:23	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 12:23	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 12:23	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 12:23	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 12:23	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 12:23	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 12:23	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 12:23	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 12:23	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 12:23	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 12:23	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 12:23	1
Chloroform	**0.277**	**J**	1.00	0.216	ug/L			12/24/25 12:23	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 12:23	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 12:23	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 12:23	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/24/25 12:23	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 12:23	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 12:23	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 12:23	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 12:23	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 12:23	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 12:23	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 12:23	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 12:23	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 12:23	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 12:23	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 12:23	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 12:23	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 12:23	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 12:23	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 12:23	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 12:23	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 12:23	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 12:23	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 12:23	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 12:23	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 23:06	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 12:23	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 12:23	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 12:23	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 12:23	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 12:23	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 12:23	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 12:23	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 12:23	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 12:23	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 12:23	1

Client Sample ID: 823-SW-1
Lab Sample ID: 752-40321-9
Date Collected: 12/15/25 13:45
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 12:23	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 12:23	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 12:23	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 12:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 12:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 12:23	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 12:23	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 12:23	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 12:23	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 12:23	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 12:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 12:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 12:23	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 12:23	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 12:23	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 12:23	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 12:23	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 12:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/24/25 12:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 12:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 12:23	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 12:23	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 12:23	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 126*		*12/24/25 12:23*	*1*
4-Bromofluorobenzene	*97*		*70 - 126*		*12/26/25 23:06*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/24/25 12:23*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 23:06*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/24/25 12:23*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 23:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.284	0.284	ug/L		12/18/25 12:50	12/22/25 13:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 140*	*12/18/25 12:50*	*12/22/25 13:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.426	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		12/17/25 15:37	12/19/25 16:48	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		12/17/25 15:37	12/19/25 16:48	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		12/17/25 15:37	12/19/25 16:48	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-1
Lab Sample ID: 752-40321-9
Date Collected: 12/15/25 13:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		10.1	0.851	ug/L		12/17/25 15:37	12/19/25 16:48	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		12/17/25 15:37	12/19/25 16:48	1
2-Methylphenol	ND		10.1	0.770	ug/L		12/17/25 15:37	12/19/25 16:48	1
2-Nitroaniline	ND		10.1	1.39	ug/L		12/17/25 15:37	12/19/25 16:48	1
2-Nitrophenol	ND		10.1	1.19	ug/L		12/17/25 15:37	12/19/25 16:48	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		12/17/25 15:37	12/19/25 16:48	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		12/17/25 15:37	12/19/25 16:48	1
3-Nitroaniline	ND		10.1	0.963	ug/L		12/17/25 15:37	12/19/25 16:48	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		12/17/25 15:37	12/19/25 16:48	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		12/17/25 15:37	12/19/25 16:48	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		12/17/25 15:37	12/19/25 16:48	1
4-Chloroaniline	ND		10.1	0.588	ug/L		12/17/25 15:37	12/19/25 16:48	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		12/17/25 15:37	12/19/25 16:48	1
4-Nitroaniline	ND		10.1	3.55	ug/L		12/17/25 15:37	12/19/25 16:48	1
4-Nitrophenol	ND		10.1	2.78	ug/L		12/17/25 15:37	12/19/25 16:48	1
Acenaphthene	ND		10.1	0.639	ug/L		12/17/25 15:37	12/19/25 16:48	1
Acenaphthylene	ND		10.1	0.770	ug/L		12/17/25 15:37	12/19/25 16:48	1
Acetophenone	ND		10.1	3.24	ug/L		12/17/25 15:37	12/19/25 16:48	1
Anthracene	ND		10.1	0.922	ug/L		12/17/25 15:37	12/19/25 16:48	1
Atrazine	ND		10.1	1.15	ug/L		12/17/25 15:37	12/19/25 16:48	1
Benzaldehyde	ND		10.1	0.679	ug/L		12/17/25 15:37	12/19/25 16:48	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		12/17/25 15:37	12/19/25 16:48	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		12/17/25 15:37	12/19/25 16:48	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		12/17/25 15:37	12/19/25 16:48	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		12/17/25 15:37	12/19/25 16:48	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		12/17/25 15:37	12/19/25 16:48	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		12/17/25 15:37	12/19/25 16:48	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		12/17/25 15:37	12/19/25 16:48	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		12/17/25 15:37	12/19/25 16:48	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		12/17/25 15:37	12/19/25 16:48	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		12/17/25 15:37	12/19/25 16:48	1
Caprolactam	ND		10.1	2.43	ug/L		12/17/25 15:37	12/19/25 16:48	1
Carbazole	ND		10.1	0.324	ug/L		12/17/25 15:37	12/19/25 16:48	1
Chrysene	ND		10.1	1.22	ug/L		12/17/25 15:37	12/19/25 16:48	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		12/17/25 15:37	12/19/25 16:48	1
Dibenzofuran	ND		10.1	0.649	ug/L		12/17/25 15:37	12/19/25 16:48	1
Diethyl phthalate	ND		10.1	4.05	ug/L		12/17/25 15:37	12/19/25 16:48	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		12/17/25 15:37	12/19/25 16:48	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		12/17/25 15:37	12/19/25 16:48	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		12/17/25 15:37	12/19/25 16:48	1
Fluoranthene	ND		10.1	0.639	ug/L		12/17/25 15:37	12/19/25 16:48	1
Fluorene	ND		10.1	0.679	ug/L		12/17/25 15:37	12/19/25 16:48	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		12/17/25 15:37	12/19/25 16:48	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		12/17/25 15:37	12/19/25 16:48	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		12/17/25 15:37	12/19/25 16:48	1
Hexachloroethane	ND		10.1	0.537	ug/L		12/17/25 15:37	12/19/25 16:48	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		12/17/25 15:37	12/19/25 16:48	1
Isophorone	ND		10.1	0.811	ug/L		12/17/25 15:37	12/19/25 16:48	1
Naphthalene	ND		10.1	0.760	ug/L		12/17/25 15:37	12/19/25 16:48	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-1
Lab Sample ID: 752-40321-9
Date Collected: 12/15/25 13:45
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		10.1	0.608	ug/L		12/17/25 15:37	12/19/25 16:48	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		12/17/25 15:37	12/19/25 16:48	1
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		12/17/25 15:37	12/19/25 16:48	1
Pentachlorophenol	ND		10.1	2.84	ug/L		12/17/25 15:37	12/19/25 16:48	1
Phenanthrene	ND		10.1	0.750	ug/L		12/17/25 15:37	12/19/25 16:48	1
Phenol	ND		10.1	0.689	ug/L		12/17/25 15:37	12/19/25 16:48	1
Pyrene	ND		10.1	0.639	ug/L		12/17/25 15:37	12/19/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*12/17/25 15:37*	*12/19/25 16:48*	*1*
2-Fluorobiphenyl (Surr)	*83*		*25 - 139*	*12/17/25 15:37*	*12/19/25 16:48*	*1*
2-Fluorophenol (Surr)	*96*		*10 - 150*	*12/17/25 15:37*	*12/19/25 16:48*	*1*
Nitrobenzene-d5 (Surr)	*88*		*22 - 150*	*12/17/25 15:37*	*12/19/25 16:48*	*1*
Phenol-d5 (Surr)	*101*		*10 - 150*	*12/17/25 15:37*	*12/19/25 16:48*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*12/17/25 15:37*	*12/19/25 16:48*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**54.6**		1.00	0.767	mg/L			12/24/25 00:55	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		12/18/25 17:23	12/29/25 18:13	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/29/25 18:13	1
Barium	**25.8**		10.0	0.410	ug/L		12/18/25 17:23	12/29/25 18:13	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/29/25 18:13	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/29/25 18:13	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/29/25 18:13	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/29/25 18:13	1
Copper	**2.61**		2.00	0.642	ug/L		12/18/25 17:23	12/29/25 18:13	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/29/25 18:13	1
Manganese	**37.5**		5.00	1.29	ug/L		12/18/25 17:23	12/29/25 18:13	1
Nickel	ND		5.00	0.422	ug/L		12/18/25 17:23	12/29/25 18:13	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/29/25 18:13	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/29/25 18:13	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/29/25 18:13	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/29/25 18:13	1
Zinc	**23.9**		10.0	8.91	ug/L		12/18/25 17:23	12/29/25 18:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 01:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0870**	**J**	0.100	0.0184	mg/L			12/23/25 21:53	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:17	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 12:51	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 12:51	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 12:51	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 12:51	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 12:51	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 12:51	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 12:51	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 12:51	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 12:51	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 12:51	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 12:51	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 12:51	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 12:51	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 12:51	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 12:51	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 12:51	1
cis-1,2-Dichloroethene	**2.77**		1.00	0.227	ug/L			12/24/25 12:51	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 12:51	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 12:51	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 12:51	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 12:51	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 12:51	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 12:51	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 12:51	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 12:51	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 12:51	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 12:51	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 12:51	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 12:51	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 12:51	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 12:51	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 12:51	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 12:51	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 12:51	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 12:51	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 12:51	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 12:51	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 23:30	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 12:51	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 12:51	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 12:51	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 12:51	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 12:51	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 12:51	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 12:51	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 12:51	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 12:51	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 12:51	1

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 12:51	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 12:51	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 12:51	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 12:51	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 12:51	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 12:51	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 12:51	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 12:51	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 12:51	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 12:51	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 12:51	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 12:51	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 12:51	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 12:51	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 12:51	1
Trichloroethene	**0.294**	**J**	1.00	0.211	ug/L			12/24/25 12:51	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 12:51	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.99**	**J**	5.00	0.270	ug/L			12/24/25 12:51	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 12:51	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 12:51	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 12:51	1
Vinyl chloride	**0.412**	**J**	1.00	0.304	ug/L			12/24/25 12:51	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 126*		*12/24/25 12:51*	*1*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/26/25 23:30*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/24/25 12:51*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/26/25 23:30*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/24/25 12:51*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 23:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.363**		0.284	0.284	ug/L		12/18/25 12:50	12/22/25 14:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 140*	*12/18/25 12:50*	*12/22/25 14:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.430	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		12/17/25 15:37	12/19/25 17:20	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		12/17/25 15:37	12/19/25 17:20	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10.2	0.389	ug/L		12/17/25 15:37	12/19/25 17:20	1
2-Chlorophenol	ND		10.2	0.860	ug/L		12/17/25 15:37	12/19/25 17:20	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		12/17/25 15:37	12/19/25 17:20	1
2-Methylphenol	ND		10.2	0.778	ug/L		12/17/25 15:37	12/19/25 17:20	1
2-Nitroaniline	ND		10.2	1.40	ug/L		12/17/25 15:37	12/19/25 17:20	1
2-Nitrophenol	ND		10.2	1.20	ug/L		12/17/25 15:37	12/19/25 17:20	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		12/17/25 15:37	12/19/25 17:20	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		12/17/25 15:37	12/19/25 17:20	1
3-Nitroaniline	ND		10.2	0.973	ug/L		12/17/25 15:37	12/19/25 17:20	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		12/17/25 15:37	12/19/25 17:20	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		12/17/25 15:37	12/19/25 17:20	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		12/17/25 15:37	12/19/25 17:20	1
4-Chloroaniline	ND		10.2	0.594	ug/L		12/17/25 15:37	12/19/25 17:20	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		12/17/25 15:37	12/19/25 17:20	1
4-Nitroaniline	ND		10.2	3.58	ug/L		12/17/25 15:37	12/19/25 17:20	1
4-Nitrophenol	ND		10.2	2.81	ug/L		12/17/25 15:37	12/19/25 17:20	1
Acenaphthene	ND		10.2	0.645	ug/L		12/17/25 15:37	12/19/25 17:20	1
Acenaphthylene	ND		10.2	0.778	ug/L		12/17/25 15:37	12/19/25 17:20	1
Acetophenone	ND		10.2	3.28	ug/L		12/17/25 15:37	12/19/25 17:20	1
Anthracene	ND		10.2	0.932	ug/L		12/17/25 15:37	12/19/25 17:20	1
Atrazine	ND		10.2	1.16	ug/L		12/17/25 15:37	12/19/25 17:20	1
Benzaldehyde	ND		10.2	0.686	ug/L		12/17/25 15:37	12/19/25 17:20	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		12/17/25 15:37	12/19/25 17:20	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		12/17/25 15:37	12/19/25 17:20	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		12/17/25 15:37	12/19/25 17:20	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		12/17/25 15:37	12/19/25 17:20	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		12/17/25 15:37	12/19/25 17:20	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		12/17/25 15:37	12/19/25 17:20	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		12/17/25 15:37	12/19/25 17:20	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		12/17/25 15:37	12/19/25 17:20	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		12/17/25 15:37	12/19/25 17:20	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		12/17/25 15:37	12/19/25 17:20	1
Caprolactam	ND		10.2	2.46	ug/L		12/17/25 15:37	12/19/25 17:20	1
Carbazole	ND		10.2	0.328	ug/L		12/17/25 15:37	12/19/25 17:20	1
Chrysene	ND		10.2	1.23	ug/L		12/17/25 15:37	12/19/25 17:20	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		12/17/25 15:37	12/19/25 17:20	1
Dibenzofuran	ND		10.2	0.655	ug/L		12/17/25 15:37	12/19/25 17:20	1
Diethyl phthalate	ND		10.2	4.10	ug/L		12/17/25 15:37	12/19/25 17:20	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		12/17/25 15:37	12/19/25 17:20	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		12/17/25 15:37	12/19/25 17:20	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		12/17/25 15:37	12/19/25 17:20	1
Fluoranthene	ND		10.2	0.645	ug/L		12/17/25 15:37	12/19/25 17:20	1
Fluorene	ND		10.2	0.686	ug/L		12/17/25 15:37	12/19/25 17:20	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		12/17/25 15:37	12/19/25 17:20	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		12/17/25 15:37	12/19/25 17:20	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		12/17/25 15:37	12/19/25 17:20	1
Hexachloroethane	ND		10.2	0.543	ug/L		12/17/25 15:37	12/19/25 17:20	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		12/17/25 15:37	12/19/25 17:20	1
Isophorone	ND		10.2	0.819	ug/L		12/17/25 15:37	12/19/25 17:20	1

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10.2	0.768	ug/L		12/17/25 15:37	12/19/25 17:20	1
Nitrobenzene	ND		10.2	0.614	ug/L		12/17/25 15:37	12/19/25 17:20	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		12/17/25 15:37	12/19/25 17:20	1
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		12/17/25 15:37	12/19/25 17:20	1
Pentachlorophenol	ND		10.2	2.87	ug/L		12/17/25 15:37	12/19/25 17:20	1
Phenanthrene	ND		10.2	0.758	ug/L		12/17/25 15:37	12/19/25 17:20	1
Phenol	ND		10.2	0.696	ug/L		12/17/25 15:37	12/19/25 17:20	1
Pyrene	ND		10.2	0.645	ug/L		12/17/25 15:37	12/19/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*10 - 150*	*12/17/25 15:37*	*12/19/25 17:20*	*1*
2-Fluorobiphenyl (Surr)	*88*		*25 - 139*	*12/17/25 15:37*	*12/19/25 17:20*	*1*
2-Fluorophenol (Surr)	*100*		*10 - 150*	*12/17/25 15:37*	*12/19/25 17:20*	*1*
Nitrobenzene-d5 (Surr)	*92*		*22 - 150*	*12/17/25 15:37*	*12/19/25 17:20*	*1*
Phenol-d5 (Surr)	*108*		*10 - 150*	*12/17/25 15:37*	*12/19/25 17:20*	*1*
Terphenyl-d14 (Surr)	*77*		*28 - 150*	*12/17/25 15:37*	*12/19/25 17:20*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**46.9**		1.00	0.767	mg/L			12/24/25 01:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		12/18/25 17:23	12/19/25 21:47	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 21:47	1
Barium	**56.8**		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 21:47	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 21:47	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 21:47	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 21:47	1
Cobalt	**0.412**	**J**	5.00	0.411	ug/L		12/18/25 17:23	12/19/25 21:47	1
Copper	**2.64**		2.00	0.642	ug/L		12/18/25 17:23	12/19/25 21:47	1
Lead	**2.12**		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 21:47	1
Manganese	**185**		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 21:47	1
Nickel	**1.50**	**J**	5.00	0.422	ug/L		12/18/25 17:23	12/19/25 21:47	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 21:47	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 21:47	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 21:47	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 21:47	1
Zinc	**31.5**		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 21:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 01:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0410**	**J**	0.100	0.0184	mg/L			12/23/25 21:56	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.0500	0.0141	mg/L			12/23/25 14:19	1
Nitrate as N (SM Nitrate by calc)	ND		0.0500	0.0141	mg/L			12/26/25 12:14	1

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-40321-11
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 04:52	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 04:52	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 04:52	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 04:52	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 04:52	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 04:52	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 04:52	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 04:52	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 04:52	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 04:52	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 04:52	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 04:52	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 04:52	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 04:52	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 04:52	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 04:52	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/24/25 04:52	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 04:52	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 04:52	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 04:52	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 04:52	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 04:52	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 04:52	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 04:52	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 04:52	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 04:52	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 04:52	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 04:52	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 04:52	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 04:52	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 04:52	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 04:52	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 04:52	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 04:52	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 04:52	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 04:52	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 04:52	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 20:42	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 04:52	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 04:52	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 04:52	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 04:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 04:52	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 04:52	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 04:52	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 04:52	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 04:52	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 04:52	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/24/25 04:52	1

Client Sample ID: Trip Blank
Lab Sample ID: 752-40321-11
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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			12/24/25 04:52	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 04:52	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 04:52	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 04:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 04:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 04:52	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 04:52	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 04:52	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 04:52	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 04:52	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 04:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 04:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 04:52	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 04:52	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 04:52	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 04:52	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 04:52	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 04:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/24/25 04:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 04:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 04:52	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 04:52	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 04:52	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 126*		*12/24/25 04:52*	*1*
4-Bromofluorobenzene	*95*		*70 - 126*		*12/26/25 20:42*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*12/24/25 04:52*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/26/25 20:42*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/24/25 04:52*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 20:42*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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)
752-40321-1	823-SW-9	92	101	99
752-40321-2	823-SW-8	100	105	100
752-40321-3	823-SW-7	98	105	105
752-40321-4	823-SW-6	99	101	100
752-40321-4	823-SW-6	96	101	99
752-40321-4 MS	823-SW-6	103	100	101
752-40321-5	823-SW-5	104	100	98
752-40321-5	823-SW-5	96	101	98
752-40321-5 DU	823-SW-5	102	103	100
752-40321-6	823-SW-4	102	104	100
752-40321-6	823-SW-4	96	102	100
752-40321-7	823-SW-3	103	101	98
752-40321-7	823-SW-3	96	101	100
752-40321-8	823-SW-2	104	103	100
752-40321-8	823-SW-2	95	101	99
752-40321-9	823-SW-1	102	102	101
752-40321-9	823-SW-1	97	101	99
752-40321-10	823-SW-Dup	104	102	101
752-40321-10	823-SW-Dup	95	101	99
752-40321-11	Trip Blank	103	101	99
752-40321-11	Trip Blank	95	100	99
LCS 705-103961/1002	Lab Control Sample	101	100	98
LCS 705-103961/1003	Lab Control Sample	102	98	99
LCS 705-104241/1001	Lab Control Sample	96	102	98
LCS 705-104241/1002	Lab Control Sample	102	98	97
LCS 705-104245/1001	Lab Control Sample	89	100	97
LCS 705-104245/1002	Lab Control Sample	104	99	103
LCS 705-104494/1001	Lab Control Sample	106	100	100
LCS 705-104494/1002	Lab Control Sample	100	102	96
MB 705-103961/6	Method Blank	101	100	97
MB 705-104241/6	Method Blank	94	100	98
MB 705-104245/5	Method Blank	91	103	101
MB 705-104494/5	Method Blank	100	103	100

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)
752-40321-1	823-SW-9	153 S1+	122	123	129	129	98
752-40321-2	823-SW-8	148	116	137	131	151 S1+	84
752-40321-3	823-SW-7	154 S1+	126	131	130	142	85
752-40321-4	823-SW-6	138	118	127	125	143	88
752-40321-5	823-SW-5	133	114	136	127	152 S1+	80

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (10-150)	FBP (25-139)	2FP (10-150)	NBZ (22-150)	PHL (10-150)	TPHL (28-150)		
752-40321-6	823-SW-4	150	124	120	137	122	97		
752-40321-7	823-SW-3	147	117	108	134	103	85		
752-40321-8	823-SW-2	104	83	100	93	109	67		
752-40321-9	823-SW-1	100	83	96	88	101	66		
752-40321-10	823-SW-Dup	112	88	100	92	108	77		
LCS 400-733978/2-A	Lab Control Sample	108	87	93	98	95	48		
LCS 400-734131/2-A	Lab Control Sample	156 S1+	114	127	127	151 S1+	126		
LCSD 400-734131/3-A	Lab Control Sample Dup	143	116	127	130	147	128		
MB 400-733978/1-A	Method Blank	99	85	81	89	70	73		
MB 400-734131/1-A	Method Blank	166 S1+	124	126	138	129	138		

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
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(10-140)
752-40321-1	823-SW-9	30
752-40321-2	823-SW-8	31
752-40321-3	823-SW-7	35
752-40321-4	823-SW-6	32
752-40321-5	823-SW-5	39
752-40321-6	823-SW-4	32
752-40321-7	823-SW-3	41
752-40321-8	823-SW-2	38
752-40321-9	823-SW-1	37
752-40321-10	823-SW-Dup	41
LCS 400-734236/2-A	Lab Control Sample	33
LCSD 400-734236/3-A	Lab Control Sample Dup	36
MB 400-734236/1-A	Method Blank	34

Surrogate Legend

DXE = 1,4-Dioxane-d8

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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

Lab Sample ID: MB 705-103961/6
Matrix: Water
Analysis Batch: 103961

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			12/24/25 04:24	1
Benzene	ND		1.00	0.200	ug/L			12/24/25 04:24	1
Bromobenzene	ND		1.00	0.222	ug/L			12/24/25 04:24	1
Bromoform	ND		1.00	0.458	ug/L			12/24/25 04:24	1
Bromomethane	ND		1.00	0.470	ug/L			12/24/25 04:24	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/24/25 04:24	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/24/25 04:24	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/24/25 04:24	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/24/25 04:24	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/24/25 04:24	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/24/25 04:24	1
Chloroethane	ND		1.00	0.374	ug/L			12/24/25 04:24	1
Chloroform	ND		1.00	0.216	ug/L			12/24/25 04:24	1
Chloromethane	ND		1.00	0.371	ug/L			12/24/25 04:24	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/24/25 04:24	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/24/25 04:24	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/24/25 04:24	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/24/25 04:24	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/24/25 04:24	1
Dibromomethane	ND		1.00	0.318	ug/L			12/24/25 04:24	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 04:24	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/24/25 04:24	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/24/25 04:24	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/24/25 04:24	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/24/25 04:24	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/24/25 04:24	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/24/25 04:24	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/24/25 04:24	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/24/25 04:24	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/24/25 04:24	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/24/25 04:24	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/24/25 04:24	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/24/25 04:24	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/24/25 04:24	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/24/25 04:24	1
Hexane	ND		10.0	3.63	ug/L			12/24/25 04:24	1
2-Hexanone	ND		10.0	3.47	ug/L			12/24/25 04:24	1
Iodomethane	ND		2.00	0.403	ug/L			12/24/25 04:24	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/24/25 04:24	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/24/25 04:24	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/24/25 04:24	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/24/25 04:24	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/24/25 04:24	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/24/25 04:24	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/24/25 04:24	1
Naphthalene	ND		2.00	1.56	ug/L			12/24/25 04:24	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/24/25 04:24	1
n-Heptane	ND		10.0	3.05	ug/L			12/24/25 04:24	1

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

Lab Sample ID: MB 705-103961/6
Matrix: Water
Analysis Batch: 103961

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			12/24/25 04:24	1
o-Xylene	ND		1.00	0.270	ug/L			12/24/25 04:24	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/24/25 04:24	1
Styrene	ND		1.00	0.194	ug/L			12/24/25 04:24	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/24/25 04:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/24/25 04:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/24/25 04:24	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/24/25 04:24	1
Toluene	ND		1.00	0.197	ug/L			12/24/25 04:24	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/24/25 04:24	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/24/25 04:24	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/24/25 04:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/24/25 04:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/24/25 04:24	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/24/25 04:24	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/24/25 04:24	1
Trichloroethene	ND		1.00	0.211	ug/L			12/24/25 04:24	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/24/25 04:24	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/24/25 04:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/24/25 04:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/24/25 04:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/24/25 04:24	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/24/25 04:24	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/24/25 04:24	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/24/25 04:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 126*		*12/24/25 04:24*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/24/25 04:24*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*12/24/25 04:24*	*1*

Lab Sample ID: LCS 705-103961/1002
Matrix: Water
Analysis Batch: 103961

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	38.96		ug/L		97	62 - 136
Benzene	20.0	18.75		ug/L		94	76 - 122
Bromobenzene	20.0	18.81		ug/L		94	77 - 125
Bromoform	20.0	18.70		ug/L		93	65 - 129
Bromomethane	20.0	20.80		ug/L		104	60 - 138
2-Butanone (MEK)	40.0	41.60		ug/L		104	74 - 131
Carbon disulfide	20.0	16.68		ug/L		83	71 - 122
Carbon tetrachloride	20.0	19.02		ug/L		95	72 - 131
Chlorobenzene	20.0	18.75		ug/L		94	75 - 121
Chlorobromomethane	20.0	19.17		ug/L		96	77 - 120
Chlorodibromomethane	20.0	19.29		ug/L		96	70 - 131
Chloroethane	20.0	17.38		ug/L		87	55 - 138

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

Lab Sample ID: LCS 705-103961/1002
Matrix: Water
Analysis Batch: 103961

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	19.20		ug/L		96	73 - 121
Chloromethane	20.0	12.72		ug/L		64	57 - 129
2-Chlorotoluene	20.0	18.37		ug/L		92	75 - 123
4-Chlorotoluene	20.0	18.77		ug/L		94	76 - 124
cis-1,2-Dichloroethene	20.0	18.96		ug/L		95	76 - 121
cis-1,3-Dichloropropene	20.0	18.01		ug/L		90	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.01		ug/L		95	64 - 125
Dibromomethane	20.0	19.53		ug/L		98	70 - 130
1,2-Dichlorobenzene	20.0	19.06		ug/L		95	69 - 127
1,3-Dichlorobenzene	20.0	18.28		ug/L		91	68 - 128
1,4-Dichlorobenzene	20.0	18.65		ug/L		93	68 - 126
Dichlorobromomethane	20.0	19.78		ug/L		99	70 - 124
1,1-Dichloroethane	20.0	17.98		ug/L		90	65 - 126
1,2-Dichloroethane	20.0	19.37		ug/L		97	72 - 127
1,1-Dichloroethene	20.0	17.43		ug/L		87	69 - 130
1,2-Dichloropropane	20.0	19.85		ug/L		99	71 - 121
1,3-Dichloropropane	20.0	18.74		ug/L		94	76 - 125
2,2-Dichloropropane	20.0	15.79		ug/L		79	71 - 131
1,1-Dichloropropene	20.0	18.40		ug/L		92	74 - 129
Ethylbenzene	20.0	19.45		ug/L		97	75 - 127
Ethylene Dibromide	20.0	18.40		ug/L		92	68 - 133
Hexachlorobutadiene	20.0	18.60		ug/L		93	65 - 137
Hexane	20.0	11.79		ug/L		59	25 - 150
2-Hexanone	40.0	44.18		ug/L		110	70 - 130
Isopropylbenzene	20.0	18.38		ug/L		92	76 - 125
4-Isopropyltoluene	20.0	18.58		ug/L		93	78 - 126
Methylene Chloride	20.0	16.95		ug/L		85	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.77		ug/L		104	76 - 122
Methyl tert-butyl ether	20.0	19.00		ug/L		95	76 - 123
m-Xylene & p-Xylene	20.0	18.85		ug/L		94	76 - 128
Naphthalene	20.0	18.85		ug/L		94	67 - 129
n-Butylbenzene	20.0	17.90		ug/L		90	71 - 131
n-Heptane	20.0	15.53		ug/L		78	25 - 150
N-Propylbenzene	20.0	18.57		ug/L		93	75 - 127
o-Xylene	20.0	19.49		ug/L		97	78 - 124
sec-Butylbenzene	20.0	18.08		ug/L		90	74 - 127
Styrene	20.0	19.64		ug/L		98	71 - 129
tert-Butylbenzene	20.0	18.16		ug/L		91	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.06		ug/L		100	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.90		ug/L		94	73 - 127
Tetrachloroethene	20.0	18.31		ug/L		92	74 - 129
Toluene	20.0	18.80		ug/L		94	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.74		ug/L		84	50 - 150
trans-1,2-Dichloroethene	20.0	17.01		ug/L		85	74 - 124
trans-1,3-Dichloropropene	20.0	18.00		ug/L		90	59 - 135
1,2,3-Trichlorobenzene	20.0	18.51		ug/L		93	65 - 130
1,2,4-Trichlorobenzene	20.0	18.64		ug/L		93	65 - 131
1,1,1-Trichloroethane	20.0	18.52		ug/L		93	71 - 124
1,1,2-Trichloroethane	20.0	19.42		ug/L		97	69 - 127

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

Lab Sample ID: LCS 705-103961/1002
Matrix: Water
Analysis Batch: 103961

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	18.72		ug/L		94	72 - 129
Trichlorofluoromethane	20.0	18.34		ug/L		92	63 - 142
1,2,3-Trichloropropane	20.0	19.21		ug/L		96	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.98		ug/L		85	74 - 122
1,2,4-Trimethylbenzene	20.0	18.39		ug/L		92	80 - 123
1,3,5-Trimethylbenzene	20.0	18.73		ug/L		94	79 - 124
Vinyl acetate	40.0	35.59		ug/L		89	50 - 150
Vinyl chloride	20.0	17.70		ug/L		89	65 - 132
Xylenes, Total	40.0	38.34		ug/L		96	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: LCS 705-103961/1003
Matrix: Water
Analysis Batch: 103961

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	41.29		ug/L		103	25 - 150
Isopropyl ether	20.0	19.70		ug/L		99	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

Lab Sample ID: 752-40321-4 MS
Matrix: Water
Analysis Batch: 103961

Client Sample ID: 823-SW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		40.0	50.98		ug/L		127	50 - 150
Benzene	ND		20.0	21.51		ug/L		108	71 - 133
Bromobenzene	ND		20.0	20.17		ug/L		101	73 - 130
Bromoform	ND		20.0	19.96		ug/L		100	59 - 130
Bromomethane	ND		20.0	25.67		ug/L		128	50 - 150
2-Butanone (MEK)	ND		40.0	47.69		ug/L		119	50 - 150
Carbon disulfide	ND		20.0	19.90		ug/L		100	50 - 150
Carbon tetrachloride	ND		20.0	23.08		ug/L		115	70 - 139
Chlorobenzene	ND		20.0	20.63		ug/L		103	78 - 128
Chlorobromomethane	ND		20.0	20.27		ug/L		101	70 - 133
Chlorodibromomethane	ND		20.0	20.18		ug/L		101	69 - 130
Chloroethane	ND		20.0	20.14		ug/L		101	50 - 150
Chloroform	ND		20.0	21.24		ug/L		106	70 - 132
Chloromethane	ND		20.0	15.01		ug/L		75	50 - 150

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

Lab Sample ID: 752-40321-4 MS
Matrix: Water
Analysis Batch: 103961

Client Sample ID: 823-SW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	ND		20.0	19.70		ug/L		99	70 - 131
4-Chlorotoluene	ND		20.0	19.81		ug/L		99	72 - 130
cis-1,2-Dichloroethene	2.55		20.0	23.27		ug/L		104	72 - 133
cis-1,3-Dichloropropene	ND		20.0	19.51		ug/L		98	70 - 128
1,2-Dibromo-3-Chloropropane	ND		20.0	20.00		ug/L		100	63 - 127
Dibromomethane	ND		20.0	20.53		ug/L		103	72 - 130
1,2-Dichlorobenzene	ND		20.0	19.72		ug/L		99	76 - 125
1,3-Dichlorobenzene	ND		20.0	19.66		ug/L		98	76 - 126
1,4-Dichlorobenzene	ND		20.0	19.29		ug/L		96	76 - 124
Dichlorobromomethane	ND		20.0	21.53		ug/L		108	68 - 133
1,1-Dichloroethane	0.368	J	20.0	21.67		ug/L		106	70 - 133
1,2-Dichloroethane	ND		20.0	21.35		ug/L		107	71 - 133
1,1-Dichloroethene	ND		20.0	21.13		ug/L		106	69 - 139
1,2-Dichloropropane	ND		20.0	21.93		ug/L		110	69 - 132
1,3-Dichloropropane	ND		20.0	20.10		ug/L		101	72 - 131
2,2-Dichloropropane	ND		20.0	14.88		ug/L		74	63 - 138
1,1-Dichloropropene	ND		20.0	22.14		ug/L		111	77 - 138
Ethyl acetate	ND		40.0	55.98		ug/L		140	50 - 150
Ethylbenzene	ND		20.0	21.40		ug/L		107	75 - 131
Ethylene Dibromide	ND		20.0	20.03		ug/L		100	76 - 129
Hexachlorobutadiene	ND		20.0	21.26		ug/L		106	65 - 138
Hexane	ND		20.0	14.99		ug/L		75	50 - 150
2-Hexanone	ND		40.0	47.24		ug/L		118	50 - 150
Iodomethane	ND	F1 *-	20.0	9.551	F1	ug/L		48	50 - 150
Isopropylbenzene	ND		20.0	19.85		ug/L		99	73 - 135
Isopropyl ether	ND		20.0	20.35		ug/L		102	73 - 133
4-Isopropyltoluene	ND		20.0	20.74		ug/L		104	74 - 132
Methylene Chloride	ND		20.0	19.03		ug/L		95	66 - 132
4-Methyl-2-pentanone (MIBK)	ND		40.0	47.44		ug/L		119	50 - 150
Methyl tert-butyl ether	ND		20.0	21.05		ug/L		105	70 - 130
m-Xylene & p-Xylene	ND		20.0	21.03		ug/L		105	73 - 133
Naphthalene	ND		20.0	18.97		ug/L		95	63 - 134
n-Butylbenzene	ND		20.0	19.79		ug/L		99	70 - 136
n-Heptane	ND		20.0	17.91		ug/L		90	50 - 150
N-Propylbenzene	ND		20.0	20.36		ug/L		102	72 - 135
o-Xylene	ND		20.0	20.93		ug/L		105	73 - 132
sec-Butylbenzene	ND		20.0	20.45		ug/L		102	71 - 134
Styrene	ND		20.0	20.87		ug/L		104	73 - 133
tert-Butylbenzene	ND		20.0	21.49		ug/L		107	70 - 134
1,1,1,2-Tetrachloroethane	ND		20.0	22.15		ug/L		111	69 - 133
1,1,2,2-Tetrachloroethane	ND		20.0	20.20		ug/L		101	68 - 132
Tetrachloroethene	ND		20.0	21.85		ug/L		109	74 - 135
Toluene	ND		20.0	21.92		ug/L		110	72 - 134
trans-1,4-Dichloro-2-butene	ND		20.0	16.20		ug/L		81	50 - 150
trans-1,2-Dichloroethene	ND		20.0	20.40		ug/L		102	71 - 132
trans-1,3-Dichloropropene	ND		20.0	19.50		ug/L		98	60 - 125
1,2,3-Trichlorobenzene	ND		20.0	19.57		ug/L		98	62 - 135
1,2,4-Trichlorobenzene	ND		20.0	19.18		ug/L		96	61 - 135
1,1,1-Trichloroethane	ND		20.0	22.30		ug/L		112	69 - 135

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

Lab Sample ID: 752-40321-4 MS
Matrix: Water
Analysis Batch: 103961

Client Sample ID: 823-SW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane	ND		20.0	21.71		ug/L		109	71 - 133		
Trichloroethene	ND		20.0	22.87		ug/L		114	77 - 136		
Trichlorofluoromethane	ND		20.0	22.82		ug/L		114	69 - 133		
1,2,3-Trichloropropane	ND		20.0	19.90		ug/L		100	66 - 132		
1,1,2-Trichloro-1,2,2-trifluoroethane	1.83	J	20.0	22.51		ug/L		103	50 - 150		
1,2,4-Trimethylbenzene	ND		20.0	20.00		ug/L		100	74 - 133		
1,3,5-Trimethylbenzene	ND		20.0	20.47		ug/L		102	75 - 132		
Vinyl acetate	ND		40.0	50.00		ug/L		125	50 - 150		
Vinyl chloride	0.411	J	20.0	22.05		ug/L		108	66 - 138		
Xylenes, Total	ND		40.0	41.96		ug/L		105	74 - 131		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: 752-40321-5 DU
Matrix: Water
Analysis Batch: 103961

Client Sample ID: 823-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	1.31			1.161		ug/L				12	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

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

Lab Sample ID: 752-40321-5 DU
Matrix: Water
Analysis Batch: 103961

Client Sample ID: 823-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
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
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	0.633	J		0.5728	J	ug/L				10	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

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

Lab Sample ID: 752-40321-5 DU
Matrix: Water
Analysis Batch: 103961

Client Sample ID: 823-SW-5
Prep Type: Total/NA

Surrogate	DU %Recovery	DU Qualifier	Limits
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

Lab Sample ID: MB 705-104241/6
Matrix: Water
Analysis Batch: 104241

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			12/26/25 14:37	1
Benzene	ND		1.00	0.200	ug/L			12/26/25 14:37	1
Bromobenzene	ND		1.00	0.222	ug/L			12/26/25 14:37	1
Bromoform	ND		1.00	0.458	ug/L			12/26/25 14:37	1
Bromomethane	ND		1.00	0.470	ug/L			12/26/25 14:37	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/26/25 14:37	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/26/25 14:37	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/26/25 14:37	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/26/25 14:37	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/26/25 14:37	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/26/25 14:37	1
Chloroethane	ND		1.00	0.374	ug/L			12/26/25 14:37	1
Chloroform	ND		1.00	0.216	ug/L			12/26/25 14:37	1
Chloromethane	ND		1.00	0.371	ug/L			12/26/25 14:37	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/26/25 14:37	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/26/25 14:37	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/26/25 14:37	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/26/25 14:37	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/26/25 14:37	1
Dibromomethane	ND		1.00	0.318	ug/L			12/26/25 14:37	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 14:37	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/26/25 14:37	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 14:37	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/26/25 14:37	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/26/25 14:37	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/26/25 14:37	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/26/25 14:37	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/26/25 14:37	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/26/25 14:37	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/26/25 14:37	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/26/25 14:37	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/26/25 14:37	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/26/25 14:37	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/26/25 14:37	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/26/25 14:37	1
Hexane	ND		10.0	3.63	ug/L			12/26/25 14:37	1
2-Hexanone	ND		10.0	3.47	ug/L			12/26/25 14:37	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 14:37	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/26/25 14:37	1

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

Lab Sample ID: MB 705-104241/6
Matrix: Water
Analysis Batch: 104241

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	ND		5.00	2.84	ug/L			12/26/25 14:37	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/26/25 14:37	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/26/25 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/26/25 14:37	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/26/25 14:37	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/26/25 14:37	1
Naphthalene	ND		2.00	1.56	ug/L			12/26/25 14:37	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/26/25 14:37	1
n-Heptane	ND		10.0	3.05	ug/L			12/26/25 14:37	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/26/25 14:37	1
o-Xylene	ND		1.00	0.270	ug/L			12/26/25 14:37	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/26/25 14:37	1
Styrene	ND		1.00	0.194	ug/L			12/26/25 14:37	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/26/25 14:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/26/25 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/26/25 14:37	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/26/25 14:37	1
Toluene	ND		1.00	0.197	ug/L			12/26/25 14:37	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/26/25 14:37	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/26/25 14:37	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/26/25 14:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/26/25 14:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/26/25 14:37	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/26/25 14:37	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/26/25 14:37	1
Trichloroethene	ND		1.00	0.211	ug/L			12/26/25 14:37	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/26/25 14:37	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/26/25 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/26/25 14:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/26/25 14:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/26/25 14:37	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/26/25 14:37	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/26/25 14:37	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/26/25 14:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*12/26/25 14:37*	*1*
Dibromofluoromethane	*100*		*77 - 121*		*12/26/25 14:37*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*12/26/25 14:37*	*1*

Lab Sample ID: LCS 705-104241/1001
Matrix: Water
Analysis Batch: 104241

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	35.64		ug/L		89	25 - 150		
Isopropyl ether			20.0	16.63		ug/L		83	78 - 125		

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

Lab Sample ID: LCS 705-104241/1001
Matrix: Water
Analysis Batch: 104241

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		70 - 126
Dibromofluoromethane	102		77 - 121
Toluene-d8 (Surr)	98		79 - 119

Lab Sample ID: LCS 705-104241/1002
Matrix: Water
Analysis Batch: 104241

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	43.77		ug/L		109	62 - 136
Benzene	20.0	19.76		ug/L		99	76 - 122
Bromobenzene	20.0	20.61		ug/L		103	77 - 125
Bromoform	20.0	22.45		ug/L		112	65 - 129
Bromomethane	20.0	18.16		ug/L		91	60 - 138
2-Butanone (MEK)	40.0	38.40		ug/L		96	74 - 131
Carbon disulfide	20.0	17.90		ug/L		90	71 - 122
Carbon tetrachloride	20.0	21.32		ug/L		107	72 - 131
Chlorobenzene	20.0	20.80		ug/L		104	75 - 121
Chlorobromomethane	20.0	19.96		ug/L		100	77 - 120
Chlorodibromomethane	20.0	21.51		ug/L		108	70 - 131
Chloroethane	20.0	18.78		ug/L		94	55 - 138
Chloroform	20.0	19.22		ug/L		96	73 - 121
Chloromethane	20.0	16.47		ug/L		82	57 - 129
2-Chlorotoluene	20.0	19.36		ug/L		97	75 - 123
4-Chlorotoluene	20.0	19.70		ug/L		99	76 - 124
cis-1,2-Dichloroethene	20.0	18.93		ug/L		95	76 - 121
cis-1,3-Dichloropropene	20.0	20.13		ug/L		101	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.09		ug/L		95	64 - 125
Dibromomethane	20.0	20.41		ug/L		102	70 - 130
1,2-Dichlorobenzene	20.0	20.27		ug/L		101	69 - 127
1,3-Dichlorobenzene	20.0	21.10		ug/L		106	68 - 128
1,4-Dichlorobenzene	20.0	20.48		ug/L		102	68 - 126
Dichlorobromomethane	20.0	21.05		ug/L		105	70 - 124
1,1-Dichloroethane	20.0	18.42		ug/L		92	65 - 126
1,2-Dichloroethane	20.0	21.60		ug/L		108	72 - 127
1,1-Dichloroethene	20.0	18.11		ug/L		91	69 - 130
1,2-Dichloropropane	20.0	19.21		ug/L		96	71 - 121
1,3-Dichloropropane	20.0	20.57		ug/L		103	76 - 125
2,2-Dichloropropane	20.0	23.24		ug/L		116	71 - 131
1,1-Dichloropropene	20.0	20.77		ug/L		104	74 - 129
Ethylbenzene	20.0	19.63		ug/L		98	75 - 127
Ethylene Dibromide	20.0	20.15		ug/L		101	68 - 133
Hexachlorobutadiene	20.0	23.08		ug/L		115	65 - 137
Hexane	20.0	19.36		ug/L		97	25 - 150
2-Hexanone	40.0	44.25		ug/L		111	70 - 130
Iodomethane	20.0	18.33		ug/L		92	50 - 150
Isopropylbenzene	20.0	19.45		ug/L		97	76 - 125
4-Isopropyltoluene	20.0	19.67		ug/L		98	78 - 126

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

Lab Sample ID: LCS 705-104241/1002
Matrix: Water
Analysis Batch: 104241

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	17.90		ug/L		89	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.83		ug/L		105	76 - 122
Methyl tert-butyl ether	20.0	19.87		ug/L		99	76 - 123
m-Xylene & p-Xylene	20.0	20.61		ug/L		103	76 - 128
Naphthalene	20.0	14.43		ug/L		72	67 - 129
n-Butylbenzene	20.0	18.95		ug/L		95	71 - 131
n-Heptane	20.0	20.94		ug/L		105	25 - 150
N-Propylbenzene	20.0	19.15		ug/L		96	75 - 127
o-Xylene	20.0	20.69		ug/L		103	78 - 124
sec-Butylbenzene	20.0	19.32		ug/L		97	74 - 127
Styrene	20.0	21.13		ug/L		106	71 - 129
tert-Butylbenzene	20.0	20.67		ug/L		103	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.30		ug/L		102	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.98		ug/L		95	73 - 127
Tetrachloroethene	20.0	21.89		ug/L		109	74 - 129
Toluene	20.0	19.58		ug/L		98	74 - 124
trans-1,4-Dichloro-2-butene	20.0	20.52		ug/L		103	50 - 150
trans-1,2-Dichloroethene	20.0	18.45		ug/L		92	74 - 124
trans-1,3-Dichloropropene	20.0	20.44		ug/L		102	59 - 135
1,2,3-Trichlorobenzene	20.0	19.48		ug/L		97	65 - 130
1,2,4-Trichlorobenzene	20.0	18.96		ug/L		95	65 - 131
1,1,1-Trichloroethane	20.0	20.10		ug/L		101	71 - 124
1,1,2-Trichloroethane	20.0	19.26		ug/L		96	69 - 127
Trichloroethene	20.0	20.66		ug/L		103	72 - 129
Trichlorofluoromethane	20.0	20.13		ug/L		101	63 - 142
1,2,3-Trichloropropane	20.0	20.31		ug/L		102	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.34		ug/L		97	74 - 122
1,2,4-Trimethylbenzene	20.0	19.79		ug/L		99	80 - 123
1,3,5-Trimethylbenzene	20.0	19.31		ug/L		97	79 - 124
Vinyl acetate	40.0	34.36		ug/L		86	50 - 150
Vinyl chloride	20.0	16.86		ug/L		84	65 - 132
Xylenes, Total	40.0	41.30		ug/L		103	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

Lab Sample ID: MB 705-104245/5
Matrix: Water
Analysis Batch: 104245

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			12/26/25 14:41	1
Benzene	ND		1.00	0.200	ug/L			12/26/25 14:41	1
Bromobenzene	ND		1.00	0.222	ug/L			12/26/25 14:41	1
Bromoform	ND		1.00	0.458	ug/L			12/26/25 14:41	1
Bromomethane	ND		1.00	0.470	ug/L			12/26/25 14:41	1

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

Lab Sample ID: MB 705-104245/5
Matrix: Water
Analysis Batch: 104245

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			12/26/25 14:41	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/26/25 14:41	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/26/25 14:41	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/26/25 14:41	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/26/25 14:41	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/26/25 14:41	1
Chloroethane	ND		1.00	0.374	ug/L			12/26/25 14:41	1
Chloroform	ND		1.00	0.216	ug/L			12/26/25 14:41	1
Chloromethane	ND		1.00	0.371	ug/L			12/26/25 14:41	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/26/25 14:41	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/26/25 14:41	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/26/25 14:41	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/26/25 14:41	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/26/25 14:41	1
Dibromomethane	ND		1.00	0.318	ug/L			12/26/25 14:41	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 14:41	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/26/25 14:41	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 14:41	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/26/25 14:41	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/26/25 14:41	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/26/25 14:41	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/26/25 14:41	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/26/25 14:41	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/26/25 14:41	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/26/25 14:41	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/26/25 14:41	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/26/25 14:41	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/26/25 14:41	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/26/25 14:41	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/26/25 14:41	1
Hexane	ND		10.0	3.63	ug/L			12/26/25 14:41	1
2-Hexanone	ND		10.0	3.47	ug/L			12/26/25 14:41	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 14:41	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/26/25 14:41	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/26/25 14:41	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/26/25 14:41	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/26/25 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/26/25 14:41	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/26/25 14:41	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/26/25 14:41	1
Naphthalene	ND		2.00	1.56	ug/L			12/26/25 14:41	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/26/25 14:41	1
n-Heptane	ND		10.0	3.05	ug/L			12/26/25 14:41	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/26/25 14:41	1
o-Xylene	ND		1.00	0.270	ug/L			12/26/25 14:41	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/26/25 14:41	1
Styrene	ND		1.00	0.194	ug/L			12/26/25 14:41	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/26/25 14:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/26/25 14:41	1

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

Lab Sample ID: MB 705-104245/5
Matrix: Water
Analysis Batch: 104245

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			12/26/25 14:41	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/26/25 14:41	1
Toluene	ND		1.00	0.197	ug/L			12/26/25 14:41	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/26/25 14:41	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/26/25 14:41	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/26/25 14:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/26/25 14:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/26/25 14:41	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/26/25 14:41	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/26/25 14:41	1
Trichloroethene	ND		1.00	0.211	ug/L			12/26/25 14:41	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/26/25 14:41	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/26/25 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/26/25 14:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/26/25 14:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/26/25 14:41	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/26/25 14:41	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/26/25 14:41	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/26/25 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/26/25 14:41*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/26/25 14:41*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/26/25 14:41*	*1*

Lab Sample ID: LCS 705-104245/1001
Matrix: Water
Analysis Batch: 104245

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	32.62		ug/L		82	25 - 150		
Isopropyl ether			20.0	15.24	*-	ug/L		76	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

Lab Sample ID: LCS 705-104245/1002
Matrix: Water
Analysis Batch: 104245

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	41.45		ug/L		104	62 - 136		
Benzene			20.0	18.43		ug/L		92	76 - 122		
Bromobenzene			20.0	17.98		ug/L		90	77 - 125		
Bromoform			20.0	19.76		ug/L		99	65 - 129		
Bromomethane			20.0	20.89		ug/L		104	60 - 138		

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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

Lab Sample ID: LCS 705-104245/1002
Matrix: Water
Analysis Batch: 104245

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)	40.0	39.00		ug/L		98	74 - 131
Carbon disulfide	20.0	18.79		ug/L		94	71 - 122
Carbon tetrachloride	20.0	19.30		ug/L		97	72 - 131
Chlorobenzene	20.0	19.10		ug/L		96	75 - 121
Chlorobromomethane	20.0	19.26		ug/L		96	77 - 120
Chlorodibromomethane	20.0	19.08		ug/L		95	70 - 131
Chloroethane	20.0	26.82		ug/L		134	55 - 138
Chloroform	20.0	19.21		ug/L		96	73 - 121
Chloromethane	20.0	22.48		ug/L		112	57 - 129
2-Chlorotoluene	20.0	18.54		ug/L		93	75 - 123
4-Chlorotoluene	20.0	19.45		ug/L		97	76 - 124
cis-1,2-Dichloroethene	20.0	18.60		ug/L		93	76 - 121
cis-1,3-Dichloropropene	20.0	18.72		ug/L		94	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.24		ug/L		86	64 - 125
Dibromomethane	20.0	18.61		ug/L		93	70 - 130
1,2-Dichlorobenzene	20.0	18.99		ug/L		95	69 - 127
1,3-Dichlorobenzene	20.0	18.85		ug/L		94	68 - 128
1,4-Dichlorobenzene	20.0	18.39		ug/L		92	68 - 126
Dichlorobromomethane	20.0	19.25		ug/L		96	70 - 124
1,1-Dichloroethane	20.0	18.98		ug/L		95	65 - 126
1,2-Dichloroethane	20.0	18.77		ug/L		94	72 - 127
1,1-Dichloroethene	20.0	18.50		ug/L		92	69 - 130
1,2-Dichloropropane	20.0	18.78		ug/L		94	71 - 121
1,3-Dichloropropane	20.0	19.32		ug/L		97	76 - 125
2,2-Dichloropropane	20.0	20.14		ug/L		101	71 - 131
1,1-Dichloropropene	20.0	18.43		ug/L		92	74 - 129
Ethylbenzene	20.0	18.29		ug/L		91	75 - 127
Ethylene Dibromide	20.0	19.78		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	17.92		ug/L		90	65 - 137
Hexane	20.0	18.99		ug/L		95	25 - 150
2-Hexanone	40.0	40.82		ug/L		102	70 - 130
Iodomethane	20.0	18.22		ug/L		91	50 - 150
Isopropylbenzene	20.0	17.97		ug/L		90	76 - 125
4-Isopropyltoluene	20.0	18.85		ug/L		94	78 - 126
Methylene Chloride	20.0	18.46		ug/L		92	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.89		ug/L		105	76 - 122
Methyl tert-butyl ether	20.0	18.70		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	18.09		ug/L		90	76 - 128
Naphthalene	20.0	16.61		ug/L		83	67 - 129
n-Butylbenzene	20.0	18.46		ug/L		92	71 - 131
n-Heptane	20.0	20.19		ug/L		101	25 - 150
N-Propylbenzene	20.0	18.44		ug/L		92	75 - 127
o-Xylene	20.0	18.33		ug/L		92	78 - 124
sec-Butylbenzene	20.0	19.00		ug/L		95	74 - 127
Styrene	20.0	19.94		ug/L		100	71 - 129
tert-Butylbenzene	20.0	18.45		ug/L		92	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.60		ug/L		98	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.62		ug/L		93	73 - 127
Tetrachloroethene	20.0	19.99		ug/L		100	74 - 129

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

Lab Sample ID: LCS 705-104245/1002
Matrix: Water
Analysis Batch: 104245

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	18.65		ug/L		93	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.94		ug/L		85	50 - 150
trans-1,2-Dichloroethene	20.0	18.92		ug/L		95	74 - 124
trans-1,3-Dichloropropene	20.0	18.07		ug/L		90	59 - 135
1,2,3-Trichlorobenzene	20.0	17.59		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	16.89		ug/L		84	65 - 131
1,1,1-Trichloroethane	20.0	19.05		ug/L		95	71 - 124
1,1,2-Trichloroethane	20.0	19.81		ug/L		99	69 - 127
Trichloroethene	20.0	18.81		ug/L		94	72 - 129
Trichlorofluoromethane	20.0	21.67		ug/L		108	63 - 142
1,2,3-Trichloropropane	20.0	19.33		ug/L		97	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.15		ug/L		101	74 - 122
1,2,4-Trimethylbenzene	20.0	18.96		ug/L		95	80 - 123
1,3,5-Trimethylbenzene	20.0	18.88		ug/L		94	79 - 124
Vinyl acetate	40.0	35.58		ug/L		89	50 - 150
Vinyl chloride	20.0	22.17		ug/L		111	65 - 132
Xylenes, Total	40.0	36.42		ug/L		91	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*103*		*79 - 119*

Lab Sample ID: MB 705-104494/5
Matrix: Water
Analysis Batch: 104494

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			12/28/25 21:22	1
Benzene	ND		1.00	0.200	ug/L			12/28/25 21:22	1
Bromobenzene	ND		1.00	0.222	ug/L			12/28/25 21:22	1
Bromoform	ND		1.00	0.458	ug/L			12/28/25 21:22	1
Bromomethane	ND		1.00	0.470	ug/L			12/28/25 21:22	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/28/25 21:22	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/28/25 21:22	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/28/25 21:22	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/28/25 21:22	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/28/25 21:22	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/28/25 21:22	1
Chloroethane	ND		1.00	0.374	ug/L			12/28/25 21:22	1
Chloroform	ND		1.00	0.216	ug/L			12/28/25 21:22	1
Chloromethane	ND		1.00	0.371	ug/L			12/28/25 21:22	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/28/25 21:22	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/28/25 21:22	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/28/25 21:22	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/28/25 21:22	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/28/25 21:22	1
Dibromomethane	ND		1.00	0.318	ug/L			12/28/25 21:22	1

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

Lab Sample ID: MB 705-104494/5
Matrix: Water
Analysis Batch: 104494

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/28/25 21:22	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/28/25 21:22	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/28/25 21:22	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/28/25 21:22	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/28/25 21:22	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/28/25 21:22	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/28/25 21:22	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/28/25 21:22	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/28/25 21:22	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/28/25 21:22	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/28/25 21:22	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/28/25 21:22	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/28/25 21:22	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/28/25 21:22	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/28/25 21:22	1
Hexane	ND		10.0	3.63	ug/L			12/28/25 21:22	1
2-Hexanone	ND		10.0	3.47	ug/L			12/28/25 21:22	1
Iodomethane	ND		2.00	0.403	ug/L			12/28/25 21:22	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/28/25 21:22	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/28/25 21:22	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/28/25 21:22	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/28/25 21:22	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/28/25 21:22	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/28/25 21:22	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/28/25 21:22	1
Naphthalene	ND		2.00	1.56	ug/L			12/28/25 21:22	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/28/25 21:22	1
n-Heptane	ND		10.0	3.05	ug/L			12/28/25 21:22	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/28/25 21:22	1
o-Xylene	ND		1.00	0.270	ug/L			12/28/25 21:22	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/28/25 21:22	1
Styrene	ND		1.00	0.194	ug/L			12/28/25 21:22	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/28/25 21:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/28/25 21:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/28/25 21:22	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/28/25 21:22	1
Toluene	ND		1.00	0.197	ug/L			12/28/25 21:22	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/28/25 21:22	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/28/25 21:22	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/28/25 21:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/28/25 21:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/28/25 21:22	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/28/25 21:22	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/28/25 21:22	1
Trichloroethene	ND		1.00	0.211	ug/L			12/28/25 21:22	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/28/25 21:22	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/28/25 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/28/25 21:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/28/25 21:22	1

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

Lab Sample ID: MB 705-104494/5
Matrix: Water
Analysis Batch: 104494

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/28/25 21:22	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/28/25 21:22	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/28/25 21:22	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/28/25 21:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 126*		*12/28/25 21:22*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/28/25 21:22*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*12/28/25 21:22*	*1*

Lab Sample ID: LCS 705-104494/1001
Matrix: Water
Analysis Batch: 104494

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	41.46		ug/L		104	62 - 136
Benzene	20.0	19.63		ug/L		98	76 - 122
Bromobenzene	20.0	18.82		ug/L		94	77 - 125
Bromoform	20.0	19.27		ug/L		96	65 - 129
Bromomethane	20.0	13.22		ug/L		66	60 - 138
2-Butanone (MEK)	40.0	42.97		ug/L		107	74 - 131
Carbon disulfide	20.0	18.68		ug/L		93	71 - 122
Carbon tetrachloride	20.0	18.92		ug/L		95	72 - 131
Chlorobenzene	20.0	19.54		ug/L		98	75 - 121
Chlorobromomethane	20.0	19.68		ug/L		98	77 - 120
Chlorodibromomethane	20.0	19.17		ug/L		96	70 - 131
Chloroethane	20.0	22.22		ug/L		111	55 - 138
Chloroform	20.0	19.49		ug/L		97	73 - 121
Chloromethane	20.0	24.63		ug/L		123	57 - 129
2-Chlorotoluene	20.0	19.89		ug/L		99	75 - 123
4-Chlorotoluene	20.0	20.60		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	19.51		ug/L		98	76 - 121
cis-1,3-Dichloropropene	20.0	20.07		ug/L		100	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.53		ug/L		98	64 - 125
Dibromomethane	20.0	19.54		ug/L		98	70 - 130
1,2-Dichlorobenzene	20.0	20.13		ug/L		101	69 - 127
1,3-Dichlorobenzene	20.0	19.78		ug/L		99	68 - 128
1,4-Dichlorobenzene	20.0	19.77		ug/L		99	68 - 126
Dichlorobromomethane	20.0	19.46		ug/L		97	70 - 124
1,1-Dichloroethane	20.0	19.36		ug/L		97	65 - 126
1,2-Dichloroethane	20.0	20.45		ug/L		102	72 - 127
1,1-Dichloroethene	20.0	18.65		ug/L		93	69 - 130
1,2-Dichloropropane	20.0	19.24		ug/L		96	71 - 121
1,3-Dichloropropane	20.0	20.75		ug/L		104	76 - 125
2,2-Dichloropropane	20.0	20.38		ug/L		102	71 - 131
1,1-Dichloropropene	20.0	18.60		ug/L		93	74 - 129
Ethylbenzene	20.0	21.35		ug/L		107	75 - 127
Ethylene Dibromide	20.0	19.07		ug/L		95	68 - 133

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

Lab Sample ID: LCS 705-104494/1001
Matrix: Water
Analysis Batch: 104494

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	20.0	18.65		ug/L		93	65 - 137
Hexane	20.0	20.43		ug/L		102	25 - 150
2-Hexanone	40.0	44.74		ug/L		112	70 - 130
Iodomethane	20.0	12.58		ug/L		63	50 - 150
Isopropylbenzene	20.0	20.15		ug/L		101	76 - 125
4-Isopropyltoluene	20.0	21.04		ug/L		105	78 - 126
Methylene Chloride	20.0	19.55		ug/L		98	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	43.89		ug/L		110	76 - 122
Methyl tert-butyl ether	20.0	20.53		ug/L		103	76 - 123
m-Xylene & p-Xylene	20.0	21.52		ug/L		108	76 - 128
Naphthalene	20.0	19.26		ug/L		96	67 - 129
n-Butylbenzene	20.0	20.97		ug/L		105	71 - 131
n-Heptane	20.0	21.24		ug/L		106	25 - 150
N-Propylbenzene	20.0	20.14		ug/L		101	75 - 127
o-Xylene	20.0	21.79		ug/L		109	78 - 124
sec-Butylbenzene	20.0	21.60		ug/L		108	74 - 127
Styrene	20.0	22.68		ug/L		113	71 - 129
tert-Butylbenzene	20.0	21.09		ug/L		105	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.77		ug/L		99	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.84		ug/L		94	73 - 127
Tetrachloroethene	20.0	19.50		ug/L		97	74 - 129
Toluene	20.0	20.52		ug/L		103	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.93		ug/L		85	50 - 150
trans-1,2-Dichloroethene	20.0	19.85		ug/L		99	74 - 124
trans-1,3-Dichloropropene	20.0	20.25		ug/L		101	59 - 135
1,2,3-Trichlorobenzene	20.0	18.33		ug/L		92	65 - 130
1,2,4-Trichlorobenzene	20.0	18.75		ug/L		94	65 - 131
1,1,1-Trichloroethane	20.0	19.51		ug/L		98	71 - 124
1,1,2-Trichloroethane	20.0	20.71		ug/L		104	69 - 127
Trichloroethene	20.0	18.73		ug/L		94	72 - 129
Trichlorofluoromethane	20.0	20.35		ug/L		102	63 - 142
1,2,3-Trichloropropane	20.0	19.55		ug/L		98	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.05		ug/L		95	74 - 122
1,2,4-Trimethylbenzene	20.0	20.95		ug/L		105	80 - 123
1,3,5-Trimethylbenzene	20.0	20.96		ug/L		105	79 - 124
Vinyl acetate	40.0	42.66		ug/L		107	50 - 150
Vinyl chloride	20.0	23.43		ug/L		117	65 - 132
Xylenes, Total	40.0	43.31		ug/L		108	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

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

Lab Sample ID: LCS 705-104494/1002
Matrix: Water
Analysis Batch: 104494

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	37.95		ug/L		95	25 - 150		
Isopropyl ether			20.0	20.83		ug/L		104	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 126*
Dibromofluoromethane	*102*		*77 - 121*
Toluene-d8 (Surr)	*96*		*79 - 119*

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

Lab Sample ID: MB 400-733978/1-A
Matrix: Water
Analysis Batch: 734194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.00	0.378	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,4,5-Trichlorophenol	ND		9.00	0.486	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,4,6-Trichlorophenol	ND		9.00	0.981	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,4-Dichlorophenol	ND		9.00	0.513	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,4-Dimethylphenol	ND		9.00	0.216	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,4-Dinitrophenol	ND		27.0	4.21	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,4-Dinitrotoluene	ND		9.00	0.585	ug/L		12/16/25 15:17	12/18/25 12:01	1
2,6-Dinitrotoluene	ND		9.00	0.261	ug/L		12/16/25 15:17	12/18/25 12:01	1
2-Chloronaphthalene	ND		9.00	0.342	ug/L		12/16/25 15:17	12/18/25 12:01	1
2-Chlorophenol	ND		9.00	0.756	ug/L		12/16/25 15:17	12/18/25 12:01	1
2-Methylnaphthalene	ND		9.00	0.729	ug/L		12/16/25 15:17	12/18/25 12:01	1
2-Methylphenol	ND		9.00	0.684	ug/L		12/16/25 15:17	12/18/25 12:01	1
2-Nitroaniline	ND		9.00	1.23	ug/L		12/16/25 15:17	12/18/25 12:01	1
2-Nitrophenol	ND		9.00	1.05	ug/L		12/16/25 15:17	12/18/25 12:01	1
3 & 4 Methylphenol	ND		18.0	4.14	ug/L		12/16/25 15:17	12/18/25 12:01	1
3,3'-Dichlorobenzidine	ND		9.90	0.369	ug/L		12/16/25 15:17	12/18/25 12:01	1
3-Nitroaniline	ND		9.00	0.855	ug/L		12/16/25 15:17	12/18/25 12:01	1
4,6-Dinitro-2-methylphenol	ND		9.00	1.77	ug/L		12/16/25 15:17	12/18/25 12:01	1
4-Bromophenyl phenyl ether	ND		9.00	0.117	ug/L		12/16/25 15:17	12/18/25 12:01	1
4-Chloro-3-methylphenol	ND		9.00	0.657	ug/L		12/16/25 15:17	12/18/25 12:01	1
4-Chloroaniline	ND		9.00	0.522	ug/L		12/16/25 15:17	12/18/25 12:01	1
4-Chlorophenyl phenyl ether	ND		9.00	0.216	ug/L		12/16/25 15:17	12/18/25 12:01	1
4-Nitroaniline	ND		9.00	3.15	ug/L		12/16/25 15:17	12/18/25 12:01	1
4-Nitrophenol	ND		9.00	2.47	ug/L		12/16/25 15:17	12/18/25 12:01	1
Acenaphthene	ND		9.00	0.567	ug/L		12/16/25 15:17	12/18/25 12:01	1
Acenaphthylene	ND		9.00	0.684	ug/L		12/16/25 15:17	12/18/25 12:01	1
Acetophenone	ND		9.00	2.88	ug/L		12/16/25 15:17	12/18/25 12:01	1
Anthracene	ND		9.00	0.819	ug/L		12/16/25 15:17	12/18/25 12:01	1
Atrazine	ND		9.00	1.02	ug/L		12/16/25 15:17	12/18/25 12:01	1
Benzaldehyde	ND		9.00	0.603	ug/L		12/16/25 15:17	12/18/25 12:01	1
Benzo[a]anthracene	ND		9.00	0.900	ug/L		12/16/25 15:17	12/18/25 12:01	1
Benzo[a]pyrene	ND		9.00	0.990	ug/L		12/16/25 15:17	12/18/25 12:01	1
Benzo[b]fluoranthene	ND		9.00	1.08	ug/L		12/16/25 15:17	12/18/25 12:01	1

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

Lab Sample ID: MB 400-733978/1-A
Matrix: Water
Analysis Batch: 734194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		9.00	1.35	ug/L		12/16/25 15:17	12/18/25 12:01	1
Benzo[k]fluoranthene	ND		9.00	1.35	ug/L		12/16/25 15:17	12/18/25 12:01	1
bis (2-chloroisopropyl) ether	ND		9.00	0.837	ug/L		12/16/25 15:17	12/18/25 12:01	1
Bis(2-chloroethoxy)methane	ND		9.00	0.306	ug/L		12/16/25 15:17	12/18/25 12:01	1
Bis(2-chloroethyl)ether	ND		9.00	0.657	ug/L		12/16/25 15:17	12/18/25 12:01	1
Bis(2-ethylhexyl) phthalate	ND		9.00	3.60	ug/L		12/16/25 15:17	12/18/25 12:01	1
Butyl benzyl phthalate	ND		9.00	3.60	ug/L		12/16/25 15:17	12/18/25 12:01	1
Caprolactam	ND		9.00	2.16	ug/L		12/16/25 15:17	12/18/25 12:01	1
Carbazole	ND		9.00	0.288	ug/L		12/16/25 15:17	12/18/25 12:01	1
Chrysene	ND		9.00	1.08	ug/L		12/16/25 15:17	12/18/25 12:01	1
Dibenz(a,h)anthracene	ND		9.00	1.17	ug/L		12/16/25 15:17	12/18/25 12:01	1
Dibenzofuran	ND		9.00	0.576	ug/L		12/16/25 15:17	12/18/25 12:01	1
Diethyl phthalate	ND		9.00	3.60	ug/L		12/16/25 15:17	12/18/25 12:01	1
Dimethyl phthalate	ND		9.00	3.60	ug/L		12/16/25 15:17	12/18/25 12:01	1
Di-n-butyl phthalate	ND		9.00	7.37	ug/L		12/16/25 15:17	12/18/25 12:01	1
Di-n-octyl phthalate	ND		9.00	3.60	ug/L		12/16/25 15:17	12/18/25 12:01	1
Fluoranthene	ND		9.00	0.567	ug/L		12/16/25 15:17	12/18/25 12:01	1
Fluorene	ND		9.00	0.603	ug/L		12/16/25 15:17	12/18/25 12:01	1
Hexachlorobenzene	ND		9.00	0.225	ug/L		12/16/25 15:17	12/18/25 12:01	1
Hexachlorobutadiene	ND		9.00	0.495	ug/L		12/16/25 15:17	12/18/25 12:01	1
Hexachlorocyclopentadiene	ND		18.0	0.288	ug/L		12/16/25 15:17	12/18/25 12:01	1
Hexachloroethane	ND		9.00	0.477	ug/L		12/16/25 15:17	12/18/25 12:01	1
Indeno[1,2,3-cd]pyrene	ND		9.00	0.990	ug/L		12/16/25 15:17	12/18/25 12:01	1
Isophorone	ND		9.00	0.720	ug/L		12/16/25 15:17	12/18/25 12:01	1
Naphthalene	ND		9.00	0.675	ug/L		12/16/25 15:17	12/18/25 12:01	1
Nitrobenzene	ND		9.00	0.540	ug/L		12/16/25 15:17	12/18/25 12:01	1
N-Nitrosodi-n-propylamine	ND		9.00	0.297	ug/L		12/16/25 15:17	12/18/25 12:01	1
N-Nitrosodiphenylamine	ND		9.00	0.171	ug/L		12/16/25 15:17	12/18/25 12:01	1
Pentachlorophenol	ND		9.00	2.52	ug/L		12/16/25 15:17	12/18/25 12:01	1
Phenanthrene	ND		9.00	0.666	ug/L		12/16/25 15:17	12/18/25 12:01	1
Phenol	ND		9.00	0.612	ug/L		12/16/25 15:17	12/18/25 12:01	1
Pyrene	ND		9.00	0.567	ug/L		12/16/25 15:17	12/18/25 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 150*	*12/16/25 15:17*	*12/18/25 12:01*	*1*
2-Fluorobiphenyl (Surr)	*85*		*25 - 139*	*12/16/25 15:17*	*12/18/25 12:01*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 150*	*12/16/25 15:17*	*12/18/25 12:01*	*1*
Nitrobenzene-d5 (Surr)	*89*		*22 - 150*	*12/16/25 15:17*	*12/18/25 12:01*	*1*
Phenol-d5 (Surr)	*70*		*10 - 150*	*12/16/25 15:17*	*12/18/25 12:01*	*1*
Terphenyl-d14 (Surr)	*73*		*28 - 150*	*12/16/25 15:17*	*12/18/25 12:01*	*1*

Lab Sample ID: LCS 400-733978/2-A
Matrix: Water
Analysis Batch: 734194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	30.0	23.11		ug/L		77	27 - 120
2,4,5-Trichlorophenol	30.0	26.91		ug/L		90	27 - 136

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

Lab Sample ID: LCS 400-733978/2-A
Matrix: Water
Analysis Batch: 734194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	30.0	27.19		ug/L		91	21 - 132
2,4-Dichlorophenol	30.0	24.16		ug/L		81	30 - 125
2,4-Dimethylphenol	30.0	21.48		ug/L		72	10 - 142
2,4-Dinitrophenol	60.0	32.14		ug/L		54	10 - 150
2,4-Dinitrotoluene	30.0	28.64		ug/L		95	30 - 129
2,6-Dinitrotoluene	30.0	32.30		ug/L		108	34 - 132
2-Chloronaphthalene	30.0	26.48		ug/L		88	10 - 150
2-Chlorophenol	30.0	30.53		ug/L		102	28 - 127
2-Methylnaphthalene	30.0	23.23		ug/L		77	24 - 150
2-Methylphenol	30.0	26.37		ug/L		88	11 - 121
2-Nitroaniline	30.0	32.84		ug/L		109	31 - 141
2-Nitrophenol	30.0	29.68		ug/L		99	31 - 142
3 & 4 Methylphenol	30.0	30.12		ug/L		100	10 - 150
3,3'-Dichlorobenzidine	60.0	34.08		ug/L		57	10 - 150
3-Nitroaniline	30.0	24.91		ug/L		83	33 - 136
4,6-Dinitro-2-methylphenol	60.0	40.05		ug/L		67	10 - 150
4-Bromophenyl phenyl ether	30.0	25.31		ug/L		84	24 - 120
4-Chloro-3-methylphenol	30.0	24.89		ug/L		83	10 - 137
4-Chloroaniline	30.0	27.81		ug/L		93	10 - 150
4-Chlorophenyl phenyl ether	30.0	22.99		ug/L		77	31 - 110
4-Nitroaniline	30.0	28.59		ug/L		95	37 - 139
4-Nitrophenol	60.0	56.32		ug/L		94	10 - 150
Acenaphthene	30.0	22.49		ug/L		75	29 - 150
Acenaphthylene	30.0	24.53		ug/L		82	30 - 150
Acetophenone	30.0	24.56		ug/L		82	27 - 119
Anthracene	30.0	27.34		ug/L		91	31 - 150
Atrazine	30.0	23.21		ug/L		77	10 - 150
Benzaldehyde	30.0	21.23		ug/L		71	10 - 150
Benzo[a]anthracene	30.0	22.97		ug/L		77	36 - 150
Benzo[a]pyrene	30.0	21.93		ug/L		73	29 - 150
Benzo[b]fluoranthene	30.0	25.22		ug/L		84	32 - 150
Benzo[g,h,i]perylene	30.0	21.82		ug/L		73	28 - 150
Benzo[k]fluoranthene	30.0	21.61		ug/L		72	30 - 150
bis (2-chloroisopropyl) ether	30.0	27.71		ug/L		92	32 - 115
Bis(2-chloroethoxy)methane	30.0	26.46		ug/L		88	34 - 120
Bis(2-chloroethyl)ether	30.0	25.11		ug/L		84	32 - 114
Bis(2-ethylhexyl) phthalate	30.0	22.00		ug/L		73	24 - 133
Butyl benzyl phthalate	30.0	24.57		ug/L		82	24 - 140
Caprolactam	30.0	39.64		ug/L		132	10 - 150
Carbazole	30.0	27.70		ug/L		92	28 - 123
Chrysene	30.0	21.37		ug/L		71	34 - 150
Dibenz(a,h)anthracene	30.0	21.74		ug/L		72	29 - 150
Dibenzofuran	30.0	25.24		ug/L		84	35 - 110
Diethyl phthalate	30.0	25.04		ug/L		83	31 - 118
Dimethyl phthalate	30.0	26.29		ug/L		88	24 - 125
Di-n-butyl phthalate	30.0	25.11		ug/L		84	30 - 127
Di-n-octyl phthalate	30.0	22.71		ug/L		76	28 - 142
Fluoranthene	30.0	24.38		ug/L		81	30 - 150
Fluorene	30.0	25.65		ug/L		85	30 - 150

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

Lab Sample ID: LCS 400-733978/2-A
Matrix: Water
Analysis Batch: 734194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobenzene	30.0	25.44		ug/L		85	29 - 113
Hexachlorobutadiene	30.0	14.33		ug/L		48	10 - 117
Hexachlorocyclopentadiene	30.0	15.91	J	ug/L		53	10 - 150
Hexachloroethane	30.0	17.78		ug/L		59	10 - 112
Indeno[1,2,3-cd]pyrene	30.0	21.09		ug/L		70	28 - 150
Isophorone	30.0	26.52		ug/L		88	29 - 125
Naphthalene	30.0	23.92		ug/L		80	27 - 150
Nitrobenzene	30.0	28.91		ug/L		96	29 - 129
N-Nitrosodi-n-propylamine	30.0	33.60		ug/L		112	50 - 134
N-Nitrosodiphenylamine	29.8	26.70		ug/L		90	50 - 132
Pentachlorophenol	60.0	54.58		ug/L		91	14 - 150
Phenanthrene	30.0	25.52		ug/L		85	32 - 150
Phenol	30.0	31.04		ug/L		103	10 - 150
Pyrene	30.0	23.97		ug/L		80	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*108*		*10 - 150*
2-Fluorobiphenyl (Surr)	*87*		*25 - 139*
2-Fluorophenol (Surr)	*93*		*10 - 150*
Nitrobenzene-d5 (Surr)	*98*		*22 - 150*
Phenol-d5 (Surr)	*95*		*10 - 150*
Terphenyl-d14 (Surr)	*48*		*28 - 150*

Lab Sample ID: MB 400-734131/1-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		12/17/25 16:06	12/18/25 14:58	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		12/17/25 16:06	12/18/25 14:58	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		12/17/25 16:06	12/18/25 14:58	1
2-Chlorophenol	ND		10.0	0.840	ug/L		12/17/25 16:06	12/18/25 14:58	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		12/17/25 16:06	12/18/25 14:58	1
2-Methylphenol	ND		10.0	0.760	ug/L		12/17/25 16:06	12/18/25 14:58	1
2-Nitroaniline	ND		10.0	1.37	ug/L		12/17/25 16:06	12/18/25 14:58	1
2-Nitrophenol	ND		10.0	1.17	ug/L		12/17/25 16:06	12/18/25 14:58	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		12/17/25 16:06	12/18/25 14:58	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		12/17/25 16:06	12/18/25 14:58	1
3-Nitroaniline	ND		10.0	0.950	ug/L		12/17/25 16:06	12/18/25 14:58	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		12/17/25 16:06	12/18/25 14:58	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		12/17/25 16:06	12/18/25 14:58	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		12/17/25 16:06	12/18/25 14:58	1

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

Lab Sample ID: MB 400-734131/1-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		10.0	0.580	ug/L		12/17/25 16:06	12/18/25 14:58	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		12/17/25 16:06	12/18/25 14:58	1
4-Nitroaniline	ND		10.0	3.50	ug/L		12/17/25 16:06	12/18/25 14:58	1
4-Nitrophenol	ND		10.0	2.74	ug/L		12/17/25 16:06	12/18/25 14:58	1
Acenaphthene	ND		10.0	0.630	ug/L		12/17/25 16:06	12/18/25 14:58	1
Acenaphthylene	ND		10.0	0.760	ug/L		12/17/25 16:06	12/18/25 14:58	1
Acetophenone	ND		10.0	3.20	ug/L		12/17/25 16:06	12/18/25 14:58	1
Anthracene	ND		10.0	0.910	ug/L		12/17/25 16:06	12/18/25 14:58	1
Atrazine	ND		10.0	1.13	ug/L		12/17/25 16:06	12/18/25 14:58	1
Benzaldehyde	ND		10.0	0.670	ug/L		12/17/25 16:06	12/18/25 14:58	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		12/17/25 16:06	12/18/25 14:58	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		12/17/25 16:06	12/18/25 14:58	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		12/17/25 16:06	12/18/25 14:58	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		12/17/25 16:06	12/18/25 14:58	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		12/17/25 16:06	12/18/25 14:58	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		12/17/25 16:06	12/18/25 14:58	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		12/17/25 16:06	12/18/25 14:58	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		12/17/25 16:06	12/18/25 14:58	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		12/17/25 16:06	12/18/25 14:58	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:06	12/18/25 14:58	1
Caprolactam	ND		10.0	2.40	ug/L		12/17/25 16:06	12/18/25 14:58	1
Carbazole	ND		10.0	0.320	ug/L		12/17/25 16:06	12/18/25 14:58	1
Chrysene	ND		10.0	1.20	ug/L		12/17/25 16:06	12/18/25 14:58	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		12/17/25 16:06	12/18/25 14:58	1
Dibenzofuran	ND		10.0	0.640	ug/L		12/17/25 16:06	12/18/25 14:58	1
Diethyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:06	12/18/25 14:58	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:06	12/18/25 14:58	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		12/17/25 16:06	12/18/25 14:58	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		12/17/25 16:06	12/18/25 14:58	1
Fluoranthene	ND		10.0	0.630	ug/L		12/17/25 16:06	12/18/25 14:58	1
Fluorene	ND		10.0	0.670	ug/L		12/17/25 16:06	12/18/25 14:58	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		12/17/25 16:06	12/18/25 14:58	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		12/17/25 16:06	12/18/25 14:58	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		12/17/25 16:06	12/18/25 14:58	1
Hexachloroethane	ND		10.0	0.530	ug/L		12/17/25 16:06	12/18/25 14:58	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		12/17/25 16:06	12/18/25 14:58	1
Isophorone	ND		10.0	0.800	ug/L		12/17/25 16:06	12/18/25 14:58	1
Naphthalene	ND		10.0	0.750	ug/L		12/17/25 16:06	12/18/25 14:58	1
Nitrobenzene	ND		10.0	0.600	ug/L		12/17/25 16:06	12/18/25 14:58	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		12/17/25 16:06	12/18/25 14:58	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		12/17/25 16:06	12/18/25 14:58	1
Pentachlorophenol	ND		10.0	2.80	ug/L		12/17/25 16:06	12/18/25 14:58	1
Phenanthrene	ND		10.0	0.740	ug/L		12/17/25 16:06	12/18/25 14:58	1
Phenol	ND		10.0	0.680	ug/L		12/17/25 16:06	12/18/25 14:58	1
Pyrene	ND		10.0	0.630	ug/L		12/17/25 16:06	12/18/25 14:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*166*	*S1+*	*10 - 150*	*12/17/25 16:06*	*12/18/25 14:58*	*1*

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

Lab Sample ID: MB 400-734131/1-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734131

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	124		25 - 139	12/17/25 16:06	12/18/25 14:58	1
2-Fluorophenol (Surr)	126		10 - 150	12/17/25 16:06	12/18/25 14:58	1
Nitrobenzene-d5 (Surr)	138		22 - 150	12/17/25 16:06	12/18/25 14:58	1
Phenol-d5 (Surr)	129		10 - 150	12/17/25 16:06	12/18/25 14:58	1
Terphenyl-d14 (Surr)	138		28 - 150	12/17/25 16:06	12/18/25 14:58	1

Lab Sample ID: LCS 400-734131/2-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	36.22		ug/L		109	27 - 120
2,4,5-Trichlorophenol	33.3	53.59	*+	ug/L		161	27 - 136
2,4,6-Trichlorophenol	33.3	49.86	*+	ug/L		150	21 - 132
2,4-Dichlorophenol	33.3	45.03	*+	ug/L		135	30 - 125
2,4-Dimethylphenol	33.3	34.58		ug/L		104	10 - 142
2,4-Dinitrophenol	66.7	12.52	J	ug/L		19	10 - 150
2,4-Dinitrotoluene	33.3	38.96		ug/L		117	30 - 129
2,6-Dinitrotoluene	33.3	41.40		ug/L		124	34 - 132
2-Chloronaphthalene	33.3	32.68		ug/L		98	10 - 150
2-Chlorophenol	33.3	41.50		ug/L		124	28 - 127
2-Methylnaphthalene	33.3	35.45		ug/L		106	24 - 150
2-Methylphenol	33.3	42.17	*+	ug/L		127	11 - 121
2-Nitroaniline	33.3	46.57		ug/L		140	31 - 141
2-Nitrophenol	33.3	44.83		ug/L		134	31 - 142
3 & 4 Methylphenol	33.3	40.82		ug/L		122	10 - 150
3,3'-Dichlorobenzidine	66.7	67.96	E	ug/L		102	10 - 150
3-Nitroaniline	33.3	41.85		ug/L		126	33 - 136
4,6-Dinitro-2-methylphenol	66.7	19.86		ug/L		30	10 - 150
4-Bromophenyl phenyl ether	33.3	35.21		ug/L		106	24 - 120
4-Chloro-3-methylphenol	33.3	45.09		ug/L		135	10 - 137
4-Chloroaniline	33.3	32.57		ug/L		98	10 - 150
4-Chlorophenyl phenyl ether	33.3	34.92		ug/L		105	31 - 110
4-Nitroaniline	33.3	43.20		ug/L		130	37 - 139
4-Nitrophenol	66.7	73.29		ug/L		110	10 - 150
Acenaphthene	33.3	38.06		ug/L		114	29 - 150
Acenaphthylene	33.3	39.55		ug/L		119	30 - 150
Acetophenone	33.3	31.66		ug/L		95	27 - 119
Anthracene	33.3	37.31		ug/L		112	31 - 150
Atrazine	33.3	46.76		ug/L		140	10 - 150
Benzaldehyde	33.3	43.17		ug/L		130	10 - 150
Benzo[a]anthracene	33.3	36.70		ug/L		110	36 - 150
Benzo[a]pyrene	33.3	38.40		ug/L		115	29 - 150
Benzo[b]fluoranthene	33.3	37.89		ug/L		114	32 - 150
Benzo[g,h,i]perylene	33.3	35.41		ug/L		106	28 - 150
Benzo[k]fluoranthene	33.3	38.83		ug/L		117	30 - 150
bis (2-chloroisopropyl) ether	33.3	33.77		ug/L		101	32 - 115
Bis(2-chloroethoxy)methane	33.3	38.26		ug/L		115	34 - 120

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

Lab Sample ID: LCS 400-734131/2-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	33.3	40.44	*+	ug/L		121	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	41.19		ug/L		124	24 - 133
Butyl benzyl phthalate	33.3	42.50		ug/L		127	24 - 140
Caprolactam	33.3	33.45		ug/L		100	10 - 150
Carbazole	33.3	33.72		ug/L		101	28 - 123
Chrysene	33.3	34.34		ug/L		103	34 - 150
Dibenz(a,h)anthracene	33.3	34.07		ug/L		102	29 - 150
Dibenzofuran	33.3	34.73		ug/L		104	35 - 110
Diethyl phthalate	33.3	40.92	*+	ug/L		123	31 - 118
Dimethyl phthalate	33.3	39.38		ug/L		118	24 - 125
Di-n-butyl phthalate	33.3	39.78		ug/L		119	30 - 127
Di-n-octyl phthalate	33.3	43.55		ug/L		131	28 - 142
Fluoranthene	33.3	38.76		ug/L		116	30 - 150
Fluorene	33.3	37.52		ug/L		113	30 - 150
Hexachlorobenzene	33.3	36.48		ug/L		109	29 - 113
Hexachlorobutadiene	33.3	25.07		ug/L		75	10 - 117
Hexachlorocyclopentadiene	33.3	17.04	J	ug/L		51	10 - 150
Hexachloroethane	33.3	25.62		ug/L		77	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	34.78		ug/L		104	28 - 150
Isophorone	33.3	38.04		ug/L		114	29 - 125
Naphthalene	33.3	30.11		ug/L		90	27 - 150
Nitrobenzene	33.3	39.17		ug/L		117	29 - 129
N-Nitrosodi-n-propylamine	33.3	43.23		ug/L		130	50 - 134
N-Nitrosodiphenylamine	33.1	37.10		ug/L		112	50 - 132
Pentachlorophenol	66.7	62.73		ug/L		94	14 - 150
Phenanthrene	33.3	36.76		ug/L		110	32 - 150
Phenol	33.3	45.04		ug/L		135	10 - 150
Pyrene	33.3	38.45		ug/L		115	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*156*	*S1+*	*10 - 150*
2-Fluorobiphenyl (Surr)	*114*		*25 - 139*
2-Fluorophenol (Surr)	*127*		*10 - 150*
Nitrobenzene-d5 (Surr)	*127*		*22 - 150*
Phenol-d5 (Surr)	*151*	*S1+*	*10 - 150*
Terphenyl-d14 (Surr)	*126*		*28 - 150*

Lab Sample ID: LCSD 400-734131/3-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 734131

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	33.3	36.21		ug/L		109	27 - 120	0	40
2,4,5-Trichlorophenol	33.3	49.58	*+	ug/L		149	27 - 136	8	40
2,4,6-Trichlorophenol	33.3	46.18	*+	ug/L		139	21 - 132	8	40
2,4-Dichlorophenol	33.3	41.25		ug/L		124	30 - 125	9	40
2,4-Dimethylphenol	33.3	33.76		ug/L		101	10 - 142	2	40
2,4-Dinitrophenol	66.7	11.26	J	ug/L		17	10 - 150	11	40

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

Lab Sample ID: LCSD 400-734131/3-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 734131

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	33.3	38.79		ug/L		116	30 - 129	0	40
2,6-Dinitrotoluene	33.3	41.36		ug/L		124	34 - 132	0	40
2-Chloronaphthalene	33.3	33.11		ug/L		99	10 - 150	1	40
2-Chlorophenol	33.3	38.81		ug/L		116	28 - 127	7	40
2-Methylnaphthalene	33.3	34.81		ug/L		104	24 - 150	2	40
2-Methylphenol	33.3	38.43		ug/L		115	11 - 121	9	40
2-Nitroaniline	33.3	46.68		ug/L		140	31 - 141	0	40
2-Nitrophenol	33.3	40.21		ug/L		121	31 - 142	11	40
3 & 4 Methylphenol	33.3	37.47		ug/L		112	10 - 150	9	40
3,3'-Dichlorobenzidine	66.7	71.27	E	ug/L		107	10 - 150	5	40
3-Nitroaniline	33.3	44.37		ug/L		133	33 - 136	6	40
4,6-Dinitro-2-methylphenol	66.7	19.17		ug/L		29	10 - 150	4	40
4-Bromophenyl phenyl ether	33.3	32.77		ug/L		98	24 - 120	7	40
4-Chloro-3-methylphenol	33.3	40.25		ug/L		121	10 - 137	11	40
4-Chloroaniline	33.3	35.63		ug/L		107	10 - 150	9	40
4-Chlorophenyl phenyl ether	33.3	34.90		ug/L		105	31 - 110	0	40
4-Nitroaniline	33.3	43.65		ug/L		131	37 - 139	1	40
4-Nitrophenol	66.7	68.81		ug/L		103	10 - 150	6	40
Acenaphthene	33.3	37.64		ug/L		113	29 - 150	1	40
Acenaphthylene	33.3	39.63		ug/L		119	30 - 150	0	40
Acetophenone	33.3	32.47		ug/L		97	27 - 119	3	40
Anthracene	33.3	35.75		ug/L		107	31 - 150	4	40
Atrazine	33.3	47.04		ug/L		141	10 - 150	1	40
Benzaldehyde	33.3	45.03		ug/L		135	10 - 150	4	40
Benzo[a]anthracene	33.3	36.99		ug/L		111	36 - 150	1	40
Benzo[a]pyrene	33.3	35.60		ug/L		107	29 - 150	8	40
Benzo[b]fluoranthene	33.3	36.48		ug/L		109	32 - 150	4	40
Benzo[g,h,i]perylene	33.3	33.03		ug/L		99	28 - 150	7	40
Benzo[k]fluoranthene	33.3	34.89		ug/L		105	30 - 150	11	40
bis (2-chloroisopropyl) ether	33.3	34.43		ug/L		103	32 - 115	2	40
Bis(2-chloroethoxy)methane	33.3	37.46		ug/L		112	34 - 120	2	40
Bis(2-chloroethyl)ether	33.3	41.27	*+	ug/L		124	32 - 114	2	40
Bis(2-ethylhexyl) phthalate	33.3	40.47		ug/L		121	24 - 133	2	40
Butyl benzyl phthalate	33.3	41.82		ug/L		125	24 - 140	2	40
Caprolactam	33.3	35.43		ug/L		106	10 - 150	6	40
Carbazole	33.3	32.21		ug/L		97	28 - 123	5	40
Chrysene	33.3	34.84		ug/L		105	34 - 150	1	40
Dibenz(a,h)anthracene	33.3	32.03		ug/L		96	29 - 150	6	40
Dibenzofuran	33.3	34.88		ug/L		105	35 - 110	0	40
Diethyl phthalate	33.3	40.64	*+	ug/L		122	31 - 118	1	40
Dimethyl phthalate	33.3	38.18		ug/L		115	24 - 125	3	40
Di-n-butyl phthalate	33.3	37.53		ug/L		113	30 - 127	6	40
Di-n-octyl phthalate	33.3	42.93		ug/L		129	28 - 142	1	40
Fluoranthene	33.3	36.94		ug/L		111	30 - 150	5	40
Fluorene	33.3	36.78		ug/L		110	30 - 150	2	40
Hexachlorobenzene	33.3	34.57		ug/L		104	29 - 113	5	40
Hexachlorobutadiene	33.3	25.79		ug/L		77	10 - 117	3	40
Hexachlorocyclopentadiene	33.3	17.58	J	ug/L		53	10 - 150	3	40
Hexachloroethane	33.3	27.33		ug/L		82	10 - 112	6	40

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

Lab Sample ID: LCSD 400-734131/3-A
Matrix: Water
Analysis Batch: 734192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 734131

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene			33.3	31.78		ug/L		95	28 - 150	9	40
Isophorone			33.3	38.89		ug/L		117	29 - 125	2	40
Naphthalene			33.3	29.91		ug/L		90	27 - 150	1	40
Nitrobenzene			33.3	39.74		ug/L		119	29 - 129	1	40
N-Nitrosodi-n-propylamine			33.3	44.14		ug/L		132	50 - 134	2	40
N-Nitrosodiphenylamine			33.1	36.73		ug/L		111	50 - 132	1	40
Pentachlorophenol			66.7	55.06		ug/L		83	14 - 150	13	40
Phenanthrene			33.3	34.93		ug/L		105	32 - 150	5	40
Phenol			33.3	42.22		ug/L		127	10 - 150	6	40
Pyrene			33.3	36.63		ug/L		110	30 - 150	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*143*		*10 - 150*
2-Fluorobiphenyl (Surr)	*116*		*25 - 139*
2-Fluorophenol (Surr)	*127*		*10 - 150*
Nitrobenzene-d5 (Surr)	*130*		*22 - 150*
Phenol-d5 (Surr)	*147*		*10 - 150*
Terphenyl-d14 (Surr)	*128*		*28 - 150*

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

Lab Sample ID: MB 400-734236/1-A
Matrix: Water
Analysis Batch: 734545

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734236

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		12/18/25 12:50	12/22/25 09:52	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 140*	*12/18/25 12:50*	*12/22/25 09:52*	*1*

Lab Sample ID: LCS 400-734236/2-A
Matrix: Water
Analysis Batch: 734545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734236

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane			16.0	16.64		ug/L		104	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*10 - 140*

Lab Sample ID: LCSD 400-734236/3-A
Matrix: Water
Analysis Batch: 734545

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 734236

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			16.0	17.32		ug/L		108	30 - 150	4	40

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

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	36		10 - 140

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-103775/121
Matrix: Water
Analysis Batch: 103775

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			12/23/25 16:56	1

Lab Sample ID: MB 705-103775/151
Matrix: Water
Analysis Batch: 103775

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			12/23/25 23:23	1

Lab Sample ID: LCS 705-103775/122
Matrix: Water
Analysis Batch: 103775

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	23.69		mg/L		95	90 - 110

Lab Sample ID: LCS 705-103775/153
Matrix: Water
Analysis Batch: 103775

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	24.31		mg/L		97	90 - 110

Lab Sample ID: 752-40321-5 MS
Matrix: Water
Analysis Batch: 103775

Client Sample ID: 823-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	49.9	F1	25.0	69.82	F1	mg/L		80	90 - 110

Lab Sample ID: 752-40321-5 MSD
Matrix: Water
Analysis Batch: 103775

Client Sample ID: 823-SW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	49.9	F1	25.0	70.65	F1	mg/L		83	90 - 110	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-102805/1-A
Matrix: Water
Analysis Batch: 103230

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 102805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.264	J	5.00	2.45	ug/L		12/18/25 17:23	12/19/25 19:54	1
Arsenic	ND		5.00	1.32	ug/L		12/18/25 17:23	12/19/25 19:54	1
Barium	ND		10.0	0.410	ug/L		12/18/25 17:23	12/19/25 19:54	1
Beryllium	ND		1.00	0.147	ug/L		12/18/25 17:23	12/19/25 19:54	1
Cadmium	ND		0.700	0.237	ug/L		12/18/25 17:23	12/19/25 19:54	1
Chromium	ND		5.00	3.69	ug/L		12/18/25 17:23	12/19/25 19:54	1
Cobalt	ND		5.00	0.411	ug/L		12/18/25 17:23	12/19/25 19:54	1
Copper	ND		2.00	0.642	ug/L		12/18/25 17:23	12/19/25 19:54	1
Lead	ND		1.00	0.864	ug/L		12/18/25 17:23	12/19/25 19:54	1
Manganese	ND		5.00	1.29	ug/L		12/18/25 17:23	12/19/25 19:54	1
Nickel	ND		5.00	0.422	ug/L		12/18/25 17:23	12/19/25 19:54	1
Selenium	ND		5.00	2.29	ug/L		12/18/25 17:23	12/19/25 19:54	1
Silver	ND		1.00	0.167	ug/L		12/18/25 17:23	12/19/25 19:54	1
Thallium	ND		1.00	0.190	ug/L		12/18/25 17:23	12/19/25 19:54	1
Vanadium	ND		5.00	1.22	ug/L		12/18/25 17:23	12/19/25 19:54	1
Zinc	ND		10.0	8.91	ug/L		12/18/25 17:23	12/19/25 19:54	1

Lab Sample ID: LCS 705-102805/2-A
Matrix: Water
Analysis Batch: 103230

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 102805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	96.85		ug/L		97	80 - 120
Arsenic	100	104.4		ug/L		104	80 - 120
Barium	100	97.15		ug/L		97	80 - 120
Beryllium	100	90.72		ug/L		91	80 - 120
Cadmium	100	92.90		ug/L		93	80 - 120
Chromium	100	105.2		ug/L		105	80 - 120
Cobalt	100	105.5		ug/L		105	80 - 120
Copper	100	105.5		ug/L		106	80 - 120
Lead	100	93.79		ug/L		94	80 - 120
Manganese	100	102.3		ug/L		102	80 - 120
Nickel	100	104.6		ug/L		105	80 - 120
Selenium	100	106.0		ug/L		106	80 - 120
Silver	10.0	9.458		ug/L		95	80 - 120
Thallium	100	92.04		ug/L		92	80 - 120
Vanadium	100	101.6		ug/L		102	80 - 120
Zinc	100	107.3		ug/L		107	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-104317/1-A
Matrix: Water
Analysis Batch: 104911

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104317

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/29/25 20:35	12/30/25 00:35	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-104317/2-A
Matrix: Water
Analysis Batch: 104911

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104317

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			4.00	3.945		ug/L		99	80 - 120		

Lab Sample ID: 752-40321-1 MS
Matrix: Water
Analysis Batch: 104911

Client Sample ID: 823-SW-9
Prep Type: Total/NA
Prep Batch: 104317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		4.00	3.946		ug/L		99	75 - 125		

Lab Sample ID: 752-40321-1 MSD
Matrix: Water
Analysis Batch: 104911

Client Sample ID: 823-SW-9
Prep Type: Total/NA
Prep Batch: 104317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	3.966		ug/L		99	75 - 125	1	20

Lab Sample ID: MB 705-105011/1-A
Matrix: Water
Analysis Batch: 105159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		12/30/25 18:55	12/30/25 22:22	1

Lab Sample ID: LCS 705-105011/2-A
Matrix: Water
Analysis Batch: 105159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105011

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			4.00	4.097		ug/L		102	80 - 120		

Lab Sample ID: 752-40321-8 MS
Matrix: Water
Analysis Batch: 105159

Client Sample ID: 823-SW-2
Prep Type: Total/NA
Prep Batch: 105011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		4.00	4.138		ug/L		103	75 - 125		

Lab Sample ID: 752-40321-8 MSD
Matrix: Water
Analysis Batch: 105159

Client Sample ID: 823-SW-2
Prep Type: Total/NA
Prep Batch: 105011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	4.187		ug/L		105	75 - 125	1	20

Method: 350.1 - Nitrogen, Ammonia (Low Level)

Lab Sample ID: MB 705-104091/54
Matrix: Water
Analysis Batch: 104091

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		0.100	0.0184	mg/L			12/23/25 20:35	1

Lab Sample ID: LCS 705-104091/55
Matrix: Water
Analysis Batch: 104091

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)			2.00	1.949		mg/L		97	90 - 110		

Lab Sample ID: 752-40321-1 MS
Matrix: Water
Analysis Batch: 104091

Client Sample ID: 823-SW-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia (as N)	0.0640	J	2.00	2.026		mg/L		98	90 - 110		

Lab Sample ID: 752-40321-1 MSD
Matrix: Water
Analysis Batch: 104091

Client Sample ID: 823-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
Ammonia (as N)	0.0640	J	2.00	2.026		mg/L		98	90 - 110	0	30

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 705-103889/34
Matrix: Water
Analysis Batch: 103889

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		0.0500	0.0141	mg/L			12/23/25 13:52	1

Lab Sample ID: LCS 705-103889/35
Matrix: Water
Analysis Batch: 103889

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	1.030		mg/L		103	90 - 110		

GC/MS VOA

Analysis Batch: 103961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-4	823-SW-6	Total/NA	Water	8260D	
752-40321-5	823-SW-5	Total/NA	Water	8260D	
752-40321-6	823-SW-4	Total/NA	Water	8260D	
752-40321-7	823-SW-3	Total/NA	Water	8260D	
752-40321-8	823-SW-2	Total/NA	Water	8260D	
752-40321-9	823-SW-1	Total/NA	Water	8260D	
752-40321-10	823-SW-Dup	Total/NA	Water	8260D	
752-40321-11	Trip Blank	Total/NA	Water	8260D	
MB 705-103961/6	Method Blank	Total/NA	Water	8260D	
LCS 705-103961/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-103961/1003	Lab Control Sample	Total/NA	Water	8260D	
752-40321-4 MS	823-SW-6	Total/NA	Water	8260D	
752-40321-5 DU	823-SW-5	Total/NA	Water	8260D	

Analysis Batch: 104241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-4	823-SW-6	Total/NA	Water	8260D	
752-40321-5	823-SW-5	Total/NA	Water	8260D	
752-40321-6	823-SW-4	Total/NA	Water	8260D	
752-40321-7	823-SW-3	Total/NA	Water	8260D	
752-40321-8	823-SW-2	Total/NA	Water	8260D	
752-40321-9	823-SW-1	Total/NA	Water	8260D	
752-40321-10	823-SW-Dup	Total/NA	Water	8260D	
752-40321-11	Trip Blank	Total/NA	Water	8260D	
MB 705-104241/6	Method Blank	Total/NA	Water	8260D	
LCS 705-104241/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-104241/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 104245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	8260D	
MB 705-104245/5	Method Blank	Total/NA	Water	8260D	
LCS 705-104245/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-104245/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 104494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-2	823-SW-8	Total/NA	Water	8260D	
752-40321-3	823-SW-7	Total/NA	Water	8260D	
MB 705-104494/5	Method Blank	Total/NA	Water	8260D	
LCS 705-104494/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-104494/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 733978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-8	823-SW-2	Total/NA	Water	3511	
752-40321-9	823-SW-1	Total/NA	Water	3511	
752-40321-10	823-SW-Dup	Total/NA	Water	3511	
MB 400-733978/1-A	Method Blank	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 733978 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-733978/2-A	Lab Control Sample	Total/NA	Water	3511	

Prep Batch: 734131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	3511	
752-40321-2	823-SW-8	Total/NA	Water	3511	
752-40321-3	823-SW-7	Total/NA	Water	3511	
752-40321-4	823-SW-6	Total/NA	Water	3511	
752-40321-5	823-SW-5	Total/NA	Water	3511	
752-40321-6	823-SW-4	Total/NA	Water	3511	
752-40321-7	823-SW-3	Total/NA	Water	3511	
MB 400-734131/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-734131/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-734131/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 734192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	8270E	734131
752-40321-2	823-SW-8	Total/NA	Water	8270E	734131
752-40321-3	823-SW-7	Total/NA	Water	8270E	734131
752-40321-4	823-SW-6	Total/NA	Water	8270E	734131
752-40321-5	823-SW-5	Total/NA	Water	8270E	734131
752-40321-6	823-SW-4	Total/NA	Water	8270E	734131
752-40321-7	823-SW-3	Total/NA	Water	8270E	734131
MB 400-734131/1-A	Method Blank	Total/NA	Water	8270E	734131
LCS 400-734131/2-A	Lab Control Sample	Total/NA	Water	8270E	734131
LCSD 400-734131/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	734131

Analysis Batch: 734194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-733978/1-A	Method Blank	Total/NA	Water	8270E	733978
LCS 400-733978/2-A	Lab Control Sample	Total/NA	Water	8270E	733978

Prep Batch: 734236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	3510C	
752-40321-2	823-SW-8	Total/NA	Water	3510C	
752-40321-3	823-SW-7	Total/NA	Water	3510C	
752-40321-4	823-SW-6	Total/NA	Water	3510C	
752-40321-5	823-SW-5	Total/NA	Water	3510C	
752-40321-6	823-SW-4	Total/NA	Water	3510C	
752-40321-7	823-SW-3	Total/NA	Water	3510C	
752-40321-8	823-SW-2	Total/NA	Water	3510C	
752-40321-9	823-SW-1	Total/NA	Water	3510C	
752-40321-10	823-SW-Dup	Total/NA	Water	3510C	
MB 400-734236/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-734236/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-734236/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC/MS Semi VOA

Analysis Batch: 734353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-8	823-SW-2	Total/NA	Water	8270E	733978
752-40321-9	823-SW-1	Total/NA	Water	8270E	733978
752-40321-10	823-SW-Dup	Total/NA	Water	8270E	733978

Analysis Batch: 734545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	8270E SIM ID	734236
752-40321-2	823-SW-8	Total/NA	Water	8270E SIM ID	734236
752-40321-3	823-SW-7	Total/NA	Water	8270E SIM ID	734236
752-40321-4	823-SW-6	Total/NA	Water	8270E SIM ID	734236
752-40321-5	823-SW-5	Total/NA	Water	8270E SIM ID	734236
752-40321-6	823-SW-4	Total/NA	Water	8270E SIM ID	734236
752-40321-7	823-SW-3	Total/NA	Water	8270E SIM ID	734236
752-40321-8	823-SW-2	Total/NA	Water	8270E SIM ID	734236
752-40321-9	823-SW-1	Total/NA	Water	8270E SIM ID	734236
752-40321-10	823-SW-Dup	Total/NA	Water	8270E SIM ID	734236
MB 400-734236/1-A	Method Blank	Total/NA	Water	8270E SIM ID	734236
LCS 400-734236/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	734236
LCSD 400-734236/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	734236

HPLC/IC

Analysis Batch: 103775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	9056A	
752-40321-2	823-SW-8	Total/NA	Water	9056A	
752-40321-3	823-SW-7	Total/NA	Water	9056A	
752-40321-4	823-SW-6	Total/NA	Water	9056A	
752-40321-5	823-SW-5	Total/NA	Water	9056A	
752-40321-6	823-SW-4	Total/NA	Water	9056A	
752-40321-7	823-SW-3	Total/NA	Water	9056A	
752-40321-8	823-SW-2	Total/NA	Water	9056A	
752-40321-9	823-SW-1	Total/NA	Water	9056A	
752-40321-10	823-SW-Dup	Total/NA	Water	9056A	
MB 705-103775/121	Method Blank	Total/NA	Water	9056A	
MB 705-103775/151	Method Blank	Total/NA	Water	9056A	
LCS 705-103775/122	Lab Control Sample	Total/NA	Water	9056A	
LCS 705-103775/153	Lab Control Sample	Total/NA	Water	9056A	
752-40321-5 MS	823-SW-5	Total/NA	Water	9056A	
752-40321-5 MSD	823-SW-5	Total/NA	Water	9056A	

Metals

Prep Batch: 102805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total Recoverable	Water	3005A	
752-40321-2	823-SW-8	Total Recoverable	Water	3005A	
752-40321-3	823-SW-7	Total Recoverable	Water	3005A	
752-40321-4	823-SW-6	Total Recoverable	Water	3005A	
752-40321-5	823-SW-5	Total Recoverable	Water	3005A	
752-40321-6	823-SW-4	Total Recoverable	Water	3005A	
752-40321-7	823-SW-3	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 102805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-8	823-SW-2	Total Recoverable	Water	3005A	
752-40321-9	823-SW-1	Total Recoverable	Water	3005A	
752-40321-10	823-SW-Dup	Total Recoverable	Water	3005A	
MB 705-102805/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-102805/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 103230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total Recoverable	Water	6020B	102805
752-40321-2	823-SW-8	Total Recoverable	Water	6020B	102805
752-40321-3	823-SW-7	Total Recoverable	Water	6020B	102805
752-40321-4	823-SW-6	Total Recoverable	Water	6020B	102805
752-40321-5	823-SW-5	Total Recoverable	Water	6020B	102805
752-40321-6	823-SW-4	Total Recoverable	Water	6020B	102805
752-40321-8	823-SW-2	Total Recoverable	Water	6020B	102805
752-40321-10	823-SW-Dup	Total Recoverable	Water	6020B	102805
MB 705-102805/1-A	Method Blank	Total Recoverable	Water	6020B	102805
LCS 705-102805/2-A	Lab Control Sample	Total Recoverable	Water	6020B	102805

Prep Batch: 104317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	7470A	
752-40321-2	823-SW-8	Total/NA	Water	7470A	
752-40321-3	823-SW-7	Total/NA	Water	7470A	
752-40321-4	823-SW-6	Total/NA	Water	7470A	
752-40321-5	823-SW-5	Total/NA	Water	7470A	
752-40321-6	823-SW-4	Total/NA	Water	7470A	
752-40321-7	823-SW-3	Total/NA	Water	7470A	
752-40321-9	823-SW-1	Total/NA	Water	7470A	
752-40321-10	823-SW-Dup	Total/NA	Water	7470A	
MB 705-104317/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-104317/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-40321-1 MS	823-SW-9	Total/NA	Water	7470A	
752-40321-1 MSD	823-SW-9	Total/NA	Water	7470A	

Analysis Batch: 104899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-7	823-SW-3	Total Recoverable	Water	6020B	102805
752-40321-9	823-SW-1	Total Recoverable	Water	6020B	102805

Analysis Batch: 104911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	7470A	104317
752-40321-2	823-SW-8	Total/NA	Water	7470A	104317
752-40321-3	823-SW-7	Total/NA	Water	7470A	104317
752-40321-4	823-SW-6	Total/NA	Water	7470A	104317
752-40321-5	823-SW-5	Total/NA	Water	7470A	104317
752-40321-6	823-SW-4	Total/NA	Water	7470A	104317
752-40321-7	823-SW-3	Total/NA	Water	7470A	104317
752-40321-9	823-SW-1	Total/NA	Water	7470A	104317
752-40321-10	823-SW-Dup	Total/NA	Water	7470A	104317

Metals (Continued)

Analysis Batch: 104911 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-104317/1-A	Method Blank	Total/NA	Water	7470A	104317
LCS 705-104317/2-A	Lab Control Sample	Total/NA	Water	7470A	104317
752-40321-1 MS	823-SW-9	Total/NA	Water	7470A	104317
752-40321-1 MSD	823-SW-9	Total/NA	Water	7470A	104317

Prep Batch: 105011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-8	823-SW-2	Total/NA	Water	7470A	
MB 705-105011/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-105011/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-40321-8 MS	823-SW-2	Total/NA	Water	7470A	
752-40321-8 MSD	823-SW-2	Total/NA	Water	7470A	

Analysis Batch: 105159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-8	823-SW-2	Total/NA	Water	7470A	105011
MB 705-105011/1-A	Method Blank	Total/NA	Water	7470A	105011
LCS 705-105011/2-A	Lab Control Sample	Total/NA	Water	7470A	105011
752-40321-8 MS	823-SW-2	Total/NA	Water	7470A	105011
752-40321-8 MSD	823-SW-2	Total/NA	Water	7470A	105011

General Chemistry

Analysis Batch: 103889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	353.2	
752-40321-2	823-SW-8	Total/NA	Water	353.2	
752-40321-3	823-SW-7	Total/NA	Water	353.2	
752-40321-4	823-SW-6	Total/NA	Water	353.2	
752-40321-5	823-SW-5	Total/NA	Water	353.2	
752-40321-6	823-SW-4	Total/NA	Water	353.2	
752-40321-7	823-SW-3	Total/NA	Water	353.2	
752-40321-8	823-SW-2	Total/NA	Water	353.2	
752-40321-9	823-SW-1	Total/NA	Water	353.2	
752-40321-10	823-SW-Dup	Total/NA	Water	353.2	
MB 705-103889/34	Method Blank	Total/NA	Water	353.2	
LCS 705-103889/35	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 104091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	350.1	
752-40321-2	823-SW-8	Total/NA	Water	350.1	
752-40321-3	823-SW-7	Total/NA	Water	350.1	
752-40321-4	823-SW-6	Total/NA	Water	350.1	
752-40321-5	823-SW-5	Total/NA	Water	350.1	
752-40321-6	823-SW-4	Total/NA	Water	350.1	
752-40321-7	823-SW-3	Total/NA	Water	350.1	
752-40321-8	823-SW-2	Total/NA	Water	350.1	
752-40321-9	823-SW-1	Total/NA	Water	350.1	
752-40321-10	823-SW-Dup	Total/NA	Water	350.1	
MB 705-104091/54	Method Blank	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 104091 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-104091/55	Lab Control Sample	Total/NA	Water	350.1	
752-40321-1 MS	823-SW-9	Total/NA	Water	350.1	
752-40321-1 MSD	823-SW-9	Total/NA	Water	350.1	

Analysis Batch: 104192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40321-1	823-SW-9	Total/NA	Water	Nitrate by calc	
752-40321-2	823-SW-8	Total/NA	Water	Nitrate by calc	
752-40321-3	823-SW-7	Total/NA	Water	Nitrate by calc	
752-40321-4	823-SW-6	Total/NA	Water	Nitrate by calc	
752-40321-5	823-SW-5	Total/NA	Water	Nitrate by calc	
752-40321-6	823-SW-4	Total/NA	Water	Nitrate by calc	
752-40321-7	823-SW-3	Total/NA	Water	Nitrate by calc	
752-40321-8	823-SW-2	Total/NA	Water	Nitrate by calc	
752-40321-9	823-SW-1	Total/NA	Water	Nitrate by calc	
752-40321-10	823-SW-Dup	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-9
Lab Sample ID: 752-40321-1
Date Collected: 12/15/25 09:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104245	Y1S	EET ATL	12/26/25 22:00
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 16:39
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 10:55
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/23/25 21:52
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 20:54
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 00:42
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 20:41
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:04
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-8
Lab Sample ID: 752-40321-2
Date Collected: 12/15/25 10:15
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104494	AG	EET ATL 1	12/28/25 22:21
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 17:12
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 11:16
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/23/25 22:03
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:00
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:02
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:23
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:05
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3
Date Collected: 12/15/25 10:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104494	AG	EET ATL 1	12/28/25 21:58
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 17:45
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 11:37
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/23/25 22:15

Client Sample ID: 823-SW-7
Lab Sample ID: 752-40321-3

Date Collected: 12/15/25 10:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:06
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:06
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:26
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:07
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-6
Lab Sample ID: 752-40321-4

Date Collected: 12/15/25 11:15
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 09:06
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 21:06
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 18:19
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 11:58
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/23/25 22:26
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:28
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:09
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:29
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:09
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5

Date Collected: 12/15/25 11:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 10:02
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 21:30
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 18:52
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 12:19
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/23/25 23:46
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:34
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:13

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-5
Lab Sample ID: 752-40321-5
Date Collected: 12/15/25 11:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:31
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:10
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-4
Lab Sample ID: 752-40321-6
Date Collected: 12/15/25 12:15
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 10:59
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 21:54
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 19:25
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 12:40
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 00:20
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:36
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:16
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:34
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:12
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-3
Lab Sample ID: 752-40321-7
Date Collected: 12/15/25 12:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 11:27
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 22:18
Total/NA	Prep	3511			734131	AMM	EET PEN	12/17/25 16:07
Total/NA	Analysis	8270E		1	734192	VC1	EET PEN	12/18/25 19:58
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 13:01
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 00:32
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	104899	IF	EET ATL	12/29/25 18:10
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:20
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:37
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:14
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-2
Lab Sample ID: 752-40321-8
Date Collected: 12/15/25 13:15
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 11:55
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 22:42
Total/NA	Prep	3511			733978	HG	EET PEN	12/17/25 15:37
Total/NA	Analysis	8270E		1	734353	VC1	EET PEN	12/19/25 16:15
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 13:22
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 00:43
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:42
Total/NA	Prep	7470A			105011	TA	EET ATL	12/30/25 18:55
Total/NA	Analysis	7470A		1	105159	TA	EET ATL	12/30/25 22:29
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:51
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:15
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-1
Lab Sample ID: 752-40321-9
Date Collected: 12/15/25 13:45
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 12:23
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 23:06
Total/NA	Prep	3511			733978	HG	EET PEN	12/17/25 15:37
Total/NA	Analysis	8270E		1	734353	VC1	EET PEN	12/19/25 16:48
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 13:44
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 00:55
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	104899	IF	EET ATL	12/29/25 18:13
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:27
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:53
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:17
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 12:51
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 23:30

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-40321-10

Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			733978	HG	EET PEN	12/17/25 15:37
Total/NA	Analysis	8270E		1	734353	VC1	EET PEN	12/19/25 17:20
Total/NA	Prep	3510C			734236	AMM	EET PEN	12/18/25 12:50
Total/NA	Analysis	8270E SIM ID		1	734545	VC1	EET PEN	12/22/25 14:05
Total/NA	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 01:06
Total Recoverable	Prep	3005A			102805	TR	EET ATL	12/18/25 17:23
Total Recoverable	Analysis	6020B		1	103230	TT	EET ATL	12/19/25 21:47
Total/NA	Prep	7470A			104317	GR	EET ATL	12/29/25 20:35
Total/NA	Analysis	7470A		1	104911	TA	EET ATL	12/30/25 01:41
Total/NA	Analysis	350.1		1	104091	TL	EET ATL	12/23/25 21:56
Total/NA	Analysis	353.2		1	103889	AA	EET ATL	12/23/25 14:19
Total/NA	Analysis	Nitrate by calc		1	104192	JO	EET ATL	12/26/25 12:14

Client Sample ID: Trip Blank
Lab Sample ID: 752-40321-11

Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	103961	Y1S	EET ATL 1	12/24/25 04:52
Total/NA	Analysis	8260D		1	104241	Y1S	EET ATL	12/26/25 20:42

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
Nitrate by calc		Water	Nitrate as N

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Method Summary

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

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
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia (Low Level)	EPA	EET ATL
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET ATL
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: S&ME Inc
Job ID: 752-40321-1
Project/Site: East End Park, Durham, NC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40321-1	823-SW-9	Water	12/15/25 09:45	12/15/25 17:06	North Carolina
752-40321-2	823-SW-8	Water	12/15/25 10:15	12/15/25 17:06	North Carolina
752-40321-3	823-SW-7	Water	12/15/25 10:45	12/15/25 17:06	North Carolina
752-40321-4	823-SW-6	Water	12/15/25 11:15	12/15/25 17:06	North Carolina
752-40321-5	823-SW-5	Water	12/15/25 11:45	12/15/25 17:06	North Carolina
752-40321-6	823-SW-4	Water	12/15/25 12:15	12/15/25 17:06	North Carolina
752-40321-7	823-SW-3	Water	12/15/25 12:45	12/15/25 17:06	North Carolina
752-40321-8	823-SW-2	Water	12/15/25 13:15	12/15/25 17:06	North Carolina
752-40321-9	823-SW-1	Water	12/15/25 13:45	12/15/25 17:06	North Carolina
752-40321-10	823-SW-Dup	Water	12/15/25 00:00	12/15/25 17:06	North Carolina
752-40321-11	Trip Blank	Water	12/15/25 00:00	12/15/25 17:06	North Carolina

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone (919) 467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jonathan Glenn	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170035-59846.1
Client Contact: Rachel Moore	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: 1 of 1
Company: S&ME Inc	PWSID:	Analysis Requested		Job #:
Address: 3201 Spring Forest Road	Due Date Requested: Standard			Preservation Codes: N - None; S - H2SO4; A - HCL; D - HNO3
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 #: 23050630BK			
Email: RachelMoore@smeinc.com	WO #:			Other:
Project Name: East End Park, Durham, NC	Project #: 68026680			
Site:	SSOW#:			

752-40321 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
823-SW-9	12/15/25	0945	G	W			X	X	X	X	X	X	X		
823-SW-8		1015					X	X	X	X	X	X	X		
823-SW-7		1045					X	X	X	X	X	X	X		
823-SW-6		1115					X	X	X	X	X	X	X		
823-SW-5		1145					X	X	X	X	X	X	X		
823-SW-4		1215					X	X	X	X	X	X	X		
823-SW-3		1245					X	X	X	X	X	X	X		
823-SW-2		1315					X	X	X	X	X	X	X		
823-SW-1		1345					X	X	X	X	X	X	X		
823-SW-DUP		—					X	X	X	X	X	X	X		
Trip Blank				W						X					

Initial Temperature: 5.0 °C
Correction Factor: -0.2°C
Corrected Temperature: 4.8 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO ~~KEF~~

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Madison Allen	12/15/25 1706	S&ME	[signature]	12/15/25 1706	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins 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: 752-7533.1
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 #: 752-40321-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/26/2025			
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park, Durham, NC	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)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_SIM_ID_DS/3510C_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
823-SW-9 (752-40321-1)	12/15/25	09 45 Eastern	G	Water			X	X	2	
823-SW-8 (752-40321-2)	12/15/25	10 15 Eastern	G	Water			X	X	2	
823-SW-7 (752-40321-3)	12/15/25	10 45 Eastern	G	Water			X	X	2	
823-SW-6 (752-40321-4)	12/15/25	11 15 Eastern	G	Water			X	X	2	
823-SW-5 (752-40321-5)	12/15/25	11 45 Eastern	G	Water			X	X	2	
823-SW-4 (752-40321-6)	12/15/25	12.15 Eastern	G	Water			X	X	2	
823-SW-3 (752-40321-7)	12/15/25	12.45 Eastern	G	Water			X	X	2	
823-SW-2 (752-40321-8)	12/15/25	13 15 Eastern	G	Water			X	X	2	
823-SW-1 (752-40321-9)	12/15/25	13 45 Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		12/16/25 1600			12/17/25 918	ECTS
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: 0.2°C IR 11

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: 752-7533.2
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 #: 752-40321-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/26/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park, Durham, NC	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_LVI1,4 Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
823-SW-Dup (752-40321-10)	12/15/25	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

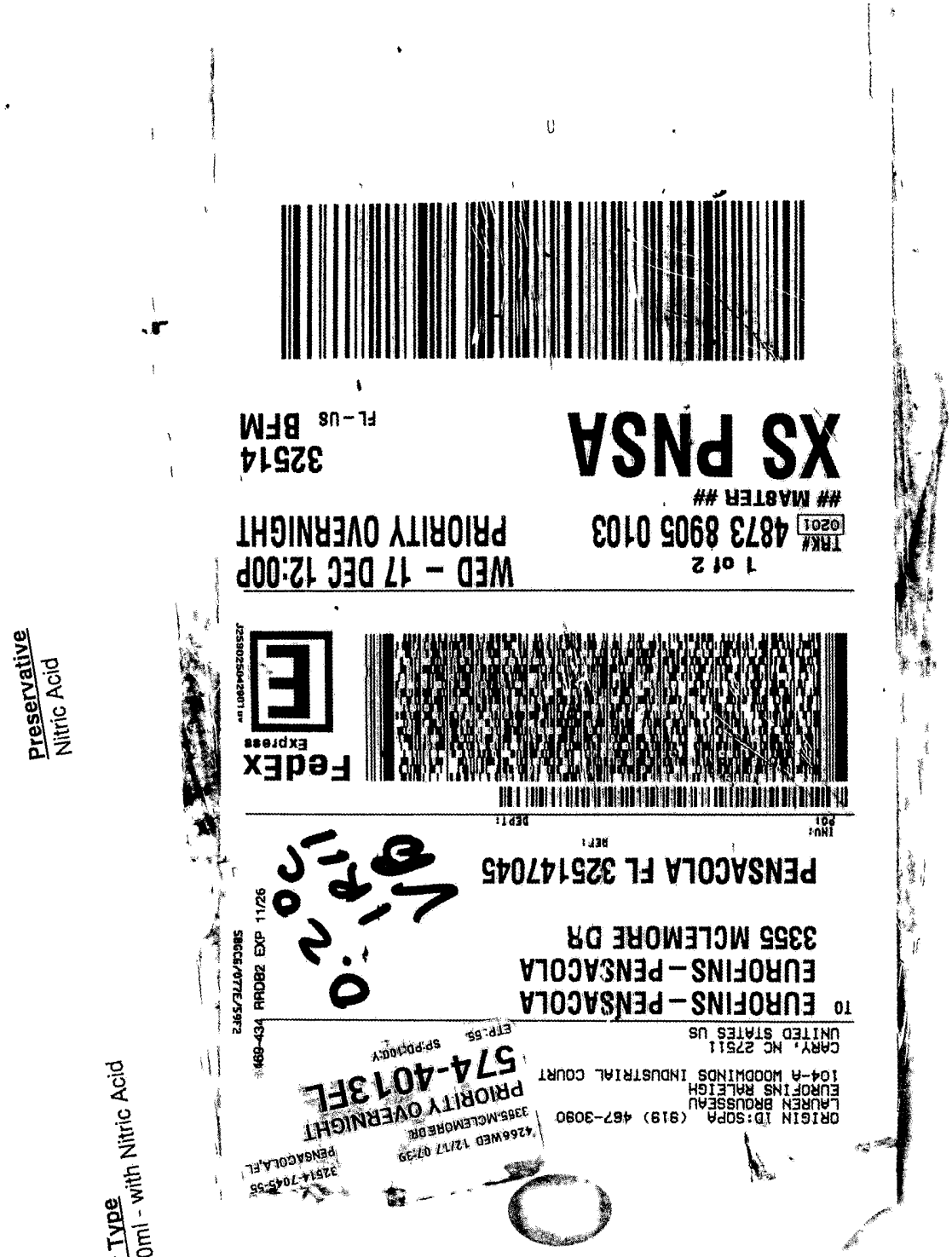
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	BR	12/16/25 1600			12/17/25 918	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 0.2°C IR-11

Ver: 10/10/2024

12/31/2025



Preservative
Nitric Acid

Container Type
Plastic 250ml - with Nitric Acid

Containers
Count
1

ICOC No:
400-391693

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40321-1

Login Number: 40321

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: 752-40321-1

Login Number: 40321
List Number: 2
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta
List Creation: 12/17/25 02:01 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: 752-40321-1

Login Number: 40321
List Number: 3
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 12/17/25 01:11 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	0.2°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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/30/2025 5:36:52 AM

JOB DESCRIPTION

East End Park, Durham, NC

JOB NUMBER

752-40323-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

Generated
12/30/2025 5:36:52 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: 752-40323-1
Project/Site: East End Park, Durham, NC

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.
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
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 752-40323-1 — Eurofins Raleigh

Job Narrative
752-40323-1

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

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

Receipt
The samples were received on 12/15/2025 5:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C.

GC/MS VOA
Method 8260D_LL: The laboratory control sample (LCS) for analytical batch 705-104245 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 this compound had it been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

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

GC/MS Semi VOA
Method 8270E_QQQ: The method blank for preparation batch 400-734122 and analytical batch 400-734245 contained 2,4-Dinitrophenol 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.

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-734122 and analytical batch 400-734245 recovered outside control limits for the following analytes: Hexachloroethane, 2,6-Dinitrotoluene, bis (2-chloroisopropyl) ether, N-Nitrosodi-n-propylamine, Caprolactam, 4,6-Dinitro-2-methylphenol, Pentachlorophenol, 2-Nitroaniline and 2-Nitrophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: 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 samples contained an allowable number of surrogate compounds outside limits: (LCS 400-734122/2-A), (MB 400-734122/1-A), (MB 400-734141/1-A) and (752-40323-D-2-B MS). These results have been reported and qualified.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: 823-SED-6 (752-40323-4), 823-SED-4 (752-40323-6) and 823-SED-2 (752-40323-8). These results have been reported and qualified.

Method 8270E_QQQ: 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 samples contained an allowable number of surrogate compounds outside limits: 823-SED-3 (752-40323-7) and 823-SED-1 (752-40323-9). These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-734141 and analytical batch 400-734245 recovered outside control limits for the following analytes: 2-Nitroaniline, 2-Nitrophenol, Nitrobenzene, Bis(2-chloroethyl)ether, 2,6-Dinitrotoluene, bis (2-chloroisopropyl) ether, Hexachlorobenzene, N-Nitrosodi-n-propylamine and Caprolactam. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: Surrogate recovery for the following sample was outside control limits: (752-40323-D-2-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E_QQQ: Surrogate recovery for the following samples were outside the upper control limit: 823-SED-7 (752-40323-3), 823-SED-5 (752-40323-5) and 823-Dup-SED (752-40323-10). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: 823-SED-9 (752-40323-1), 823-SED-8 (752-40323-2), 823-SED-7 (752-40323-3), 823-SED-6 (752-40323-4), 823-SED-5 (752-40323-5), 823-SED-4 (752-40323-6), 823-SED-3 (752-40323-7), 823-SED-2 (752-40323-8), 823-SED-1 (752-40323-9) and 823-Dup-SED (752-40323-10). 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_LL: The method blank for preparation batch 705-103438 and analytical batch 705-103636 contained Barium, Copper, Nickel, Silver and Thallium above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

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

General Chemistry
Method 7199: The following samples were diluted due to the nature of the sample matrix: (752-40323-D-1-H MS) and (752-40323-D-1-I MSD). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.00713	J	0.0179	0.00341	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0174	J	0.0357	0.0100	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.0659	J F1	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0484	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.137	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.510		0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.483		0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.649		0.424	0.00180	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.303	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.235	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.0899	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.485		0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0733	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.27		0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0766	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.317	J	0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.737		0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.992		0.424	0.0424	mg/Kg	1	☼	8270E	Total/NA
Sulfate	38.7		13.3	13.0	mg/Kg	1	☼	9056A	Soluble
Antimony	0.471	J	1.02	0.234	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.23		0.614	0.0547	mg/Kg	5	☼	6020B	Total/NA
Barium	18.9	B	2.56	0.0145	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.340	J	0.512	0.0359	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.104	J	0.512	0.0167	mg/Kg	5	☼	6020B	Total/NA
Chromium	16.9		1.02	0.211	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.28		0.767	0.0290	mg/Kg	5	☼	6020B	Total/NA
Copper	17.7	B	0.512	0.0532	mg/Kg	5	☼	6020B	Total/NA
Lead	11.9		0.512	0.0604	mg/Kg	5	☼	6020B	Total/NA
Manganese	114		1.02	0.0629	mg/Kg	5	☼	6020B	Total/NA
Nickel	13.2	B	1.02	0.0268	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.237	J	2.56	0.182	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0121	J B	0.256	0.00297	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.108	J B	0.716	0.0431	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.2		1.02	0.128	mg/Kg	5	☼	6020B	Total/NA
Zinc	59.8		2.56	2.12	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	1.06	J F1 F2	1.30	0.130	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.00811	J	0.0208	0.00398	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.151	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.116	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.677		0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.603		0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.890		0.417	0.00177	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.406	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.321	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.157	J F1 *+	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.139	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.769		0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-8 (Continued)
Lab Sample ID: 752-40323-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	0.0971	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0529	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.13	F1	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.114	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.415	J	0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.11		0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.58		0.417	0.0417	mg/Kg	1	☼	8270E	Total/NA
Sulfate	30.9		12.5	12.3	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.658		0.434	0.0387	mg/Kg	5	☼	6020B	Total/NA
Barium	12.3	B	1.81	0.0102	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.182	J	0.362	0.0254	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0794	J	0.362	0.0118	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.32		0.723	0.149	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.88		0.542	0.0205	mg/Kg	5	☼	6020B	Total/NA
Copper	11.7	B	0.362	0.0376	mg/Kg	5	☼	6020B	Total/NA
Lead	10.2		0.362	0.0427	mg/Kg	5	☼	6020B	Total/NA
Manganese	103		0.723	0.0445	mg/Kg	5	☼	6020B	Total/NA
Nickel	14.8	B	0.723	0.0189	mg/Kg	5	☼	6020B	Total/NA
Silver	0.00909	J B	0.181	0.00210	mg/Kg	5	☼	6020B	Total/NA
Vanadium	11.6		0.723	0.0908	mg/Kg	5	☼	6020B	Total/NA
Zinc	71.5		1.81	1.50	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.00785	J	0.0194	0.00371	mg/Kg	1	☼	8260D	Total/NA
2,4-Dinitrophenol	0.201	J	1.17	0.0390	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0442	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.0940	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.235	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.290	J	0.390	0.00165	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.211	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0894	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.137	J *+	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.137	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0402	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.195	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.193	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.204	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Sulfate	21.6		11.9	11.7	mg/Kg	1	☼	9056A	Soluble
Antimony	0.179	J	0.742	0.170	mg/Kg	5	☼	6020B	Total/NA
Arsenic	0.628		0.445	0.0397	mg/Kg	5	☼	6020B	Total/NA
Barium	23.4	B	1.85	0.0105	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.151	J	0.371	0.0260	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0760	J	0.371	0.0121	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.65		0.742	0.153	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.80		0.556	0.0210	mg/Kg	5	☼	6020B	Total/NA
Copper	14.1	B	0.371	0.0386	mg/Kg	5	☼	6020B	Total/NA
Lead	17.5		0.371	0.0438	mg/Kg	5	☼	6020B	Total/NA
Manganese	115		0.742	0.0456	mg/Kg	5	☼	6020B	Total/NA
Nickel	18.7	B	0.742	0.0194	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-7 (Continued)
Lab Sample ID: 752-40323-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.146	J	1.85	0.132	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0196	J B	0.185	0.00215	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0563	J B	0.519	0.0313	mg/Kg	5	☼	6020B	Total/NA
Vanadium	13.5		0.742	0.0931	mg/Kg	5	☼	6020B	Total/NA
Zinc	64.6		1.85	1.54	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.00630	J	0.0151	0.00288	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0109	J	0.0301	0.00847	mg/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	0.0493	J	0.355	0.00150	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0599	J	0.355	0.0355	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0748	J	0.355	0.0355	mg/Kg	1	☼	8270E	Total/NA
Sulfate	22.3		10.8	10.6	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.709		0.399	0.0355	mg/Kg	5	☼	6020B	Total/NA
Barium	17.3	B	1.66	0.00940	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.124	J	0.332	0.0233	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.107	J	0.332	0.0108	mg/Kg	5	☼	6020B	Total/NA
Chromium	4.99		0.664	0.137	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.42		0.498	0.0188	mg/Kg	5	☼	6020B	Total/NA
Copper	9.48	B	0.332	0.0345	mg/Kg	5	☼	6020B	Total/NA
Lead	12.7		0.332	0.0392	mg/Kg	5	☼	6020B	Total/NA
Manganese	104		0.664	0.0409	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.3	B	0.664	0.0174	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.118	J	1.66	0.118	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0189	J B	0.166	0.00193	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0292	J B	0.465	0.0280	mg/Kg	5	☼	6020B	Total/NA
Vanadium	8.81		0.664	0.0834	mg/Kg	5	☼	6020B	Total/NA
Zinc	43.9		1.66	1.38	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0291	J	0.101	0.0148	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0158	J	0.0392	0.0110	mg/Kg	1	☼	8260D	Total/NA
Acenaphthylene	0.0457	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.301	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.280	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.365	J	0.376	0.00159	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.160	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.136	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.163	J *+	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.271	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0413	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.391		0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.168	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0600	J	0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.490		0.376	0.0376	mg/Kg	1	☼	8270E	Total/NA
Sulfate	37.6		11.6	11.4	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.609		0.405	0.0361	mg/Kg	5	☼	6020B	Total/NA
Barium	12.9	B	1.69	0.00956	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-5 (Continued)
Lab Sample ID: 752-40323-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.107	J	0.338	0.0237	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0868	J	0.338	0.0110	mg/Kg	5	☼	6020B	Total/NA
Chromium	5.82		0.675	0.139	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.01		0.506	0.0191	mg/Kg	5	☼	6020B	Total/NA
Copper	8.60	B	0.338	0.0351	mg/Kg	5	☼	6020B	Total/NA
Lead	10.6		0.338	0.0398	mg/Kg	5	☼	6020B	Total/NA
Manganese	78.2		0.675	0.0415	mg/Kg	5	☼	6020B	Total/NA
Nickel	12.8	B	0.675	0.0177	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0148	J B	0.169	0.00196	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.88		0.675	0.0848	mg/Kg	5	☼	6020B	Total/NA
Zinc	45.8		1.69	1.40	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0545	J	0.204	0.0450	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.101	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.109	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.160	J	0.408	0.00173	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0945	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0500	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.116	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.159	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0839	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.159	J	0.408	0.0408	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.66	J	3.25	0.944	mg/Kg	1	☼	9056A	Soluble
Sulfate	28.9		13.0	12.8	mg/Kg	1	☼	9056A	Soluble
Antimony	1.90		0.848	0.194	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.63		0.509	0.0454	mg/Kg	5	☼	6020B	Total/NA
Barium	22.1	B	2.12	0.0120	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.257	J	0.424	0.0297	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.119	J	0.424	0.0138	mg/Kg	5	☼	6020B	Total/NA
Chromium	10.5		0.848	0.175	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.25		0.636	0.0240	mg/Kg	5	☼	6020B	Total/NA
Copper	18.3	B	0.424	0.0441	mg/Kg	5	☼	6020B	Total/NA
Lead	38.3		0.424	0.0500	mg/Kg	5	☼	6020B	Total/NA
Manganese	155		0.848	0.0521	mg/Kg	5	☼	6020B	Total/NA
Nickel	20.8	B	0.848	0.0222	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.203	J	2.12	0.150	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0202	J B	0.212	0.00246	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0371	J B	0.593	0.0357	mg/Kg	5	☼	6020B	Total/NA
Vanadium	22.5		0.848	0.106	mg/Kg	5	☼	6020B	Total/NA
Zinc	72.9		2.12	1.76	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 823-SED-3
Lab Sample ID: 752-40323-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0439	J	0.197	0.0434	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0610	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0780	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.127	J	0.399	0.00169	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0626	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-3 (Continued)
Lab Sample ID: 752-40323-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	0.0411	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.152	J *+	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.116	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.198	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0497	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0862	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.186	J	0.399	0.0399	mg/Kg	1	☼	8270E	Total/NA
Antimony	0.195	J	0.713	0.163	mg/Kg	5	☼	6020B	Total/NA
Arsenic	1.52		0.428	0.0382	mg/Kg	5	☼	6020B	Total/NA
Barium	21.5	B	1.78	0.0101	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.165	J	0.357	0.0250	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0667	J	0.357	0.0116	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.80		0.713	0.147	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.22		0.535	0.0202	mg/Kg	5	☼	6020B	Total/NA
Copper	53.3	B	0.357	0.0371	mg/Kg	5	☼	6020B	Total/NA
Lead	15.3		0.357	0.0421	mg/Kg	5	☼	6020B	Total/NA
Manganese	140		0.713	0.0439	mg/Kg	5	☼	6020B	Total/NA
Nickel	22.8	B	0.713	0.0187	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0153	J B	0.178	0.00207	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0384	J B	0.499	0.0301	mg/Kg	5	☼	6020B	Total/NA
Vanadium	26.3		0.713	0.0895	mg/Kg	5	☼	6020B	Total/NA
Zinc	54.8		1.78	1.48	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 823-SED-2
Lab Sample ID: 752-40323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0523	J	0.181	0.0400	mg/Kg	1	☼	8260D	Total/NA
Iodomethane	0.00726	J	0.0181	0.00346	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.0142	J	0.457	0.0133	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.124	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.146	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0682	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.367	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.104	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.57		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.34		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2.01		0.457	0.00194	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.855		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.666		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.470		0.457	0.139	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.627		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.125	J *+	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.189	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.47		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.209	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0765	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	3.64		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.128	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.924		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.106	J	0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.85		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-2 (Continued)
Lab Sample ID: 752-40323-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	2.84		0.457	0.0457	mg/Kg	1	☼	8270E	Total/NA
Sulfate	38.7		14.6	14.3	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.0857	J	0.681	0.0607	mg/Kg	5	☼	6020B	Total/NA
Barium	52.6	B	2.84	0.0161	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.284	J	0.567	0.0398	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.214	J	0.567	0.0185	mg/Kg	5	☼	6020B	Total/NA
Chromium	12.6		1.13	0.234	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.35		0.851	0.0321	mg/Kg	5	☼	6020B	Total/NA
Copper	23.9	B	0.567	0.0590	mg/Kg	5	☼	6020B	Total/NA
Lead	63.8		0.567	0.0670	mg/Kg	5	☼	6020B	Total/NA
Manganese	213		1.13	0.0698	mg/Kg	5	☼	6020B	Total/NA
Nickel	15.8	B	1.13	0.0297	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.385	J	2.84	0.201	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0539	J B	0.284	0.00329	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0689	J B	0.794	0.0478	mg/Kg	5	☼	6020B	Total/NA
Vanadium	19.4		1.13	0.142	mg/Kg	5	☼	6020B	Total/NA
Zinc	122		2.84	2.35	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0261	J	0.137	0.0200	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.0395	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzaldehyde	0.0506	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.296	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.312	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.457		0.390	0.00166	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.227	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.158	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.340	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0498	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.709		0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.225	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.276	J	0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.607		0.390	0.0390	mg/Kg	1	☼	8270E	Total/NA
Sulfate	24.1		12.3	12.1	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.75		0.500	0.0446	mg/Kg	5	☼	6020B	Total/NA
Barium	30.1	B	2.09	0.0118	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.269	J	0.417	0.0292	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.163	J	0.417	0.0136	mg/Kg	5	☼	6020B	Total/NA
Chromium	16.1		0.834	0.172	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.38		0.626	0.0236	mg/Kg	5	☼	6020B	Total/NA
Copper	16.9	B	0.417	0.0434	mg/Kg	5	☼	6020B	Total/NA
Lead	39.8		0.417	0.0492	mg/Kg	5	☼	6020B	Total/NA
Manganese	157		0.834	0.0513	mg/Kg	5	☼	6020B	Total/NA
Nickel	16.7	B	0.834	0.0218	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.184	J	2.09	0.148	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0178	J B	0.209	0.00242	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0424	J B	0.584	0.0352	mg/Kg	5	☼	6020B	Total/NA
Vanadium	19.7		0.834	0.105	mg/Kg	5	☼	6020B	Total/NA
Zinc	62.4		2.09	1.73	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iodomethane	0.00669	J	0.0164	0.00314	mg/Kg	1	☼	8260D	Total/NA
Methylene Chloride	0.0123	J	0.0329	0.00924	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.0640	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0614	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0933	J	0.356	0.00151	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0448	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Caprolactam	0.130	J *+	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0729	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.197	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0362	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.167	J	0.356	0.0356	mg/Kg	1	☼	8270E	Total/NA
Sulfate	21.6		10.6	10.4	mg/Kg	1	☼	9056A	Soluble
Antimony	0.249	J	0.710	0.162	mg/Kg	5	☼	6020B	Total/NA
Arsenic	2.60		0.426	0.0380	mg/Kg	5	☼	6020B	Total/NA
Barium	26.0	B	1.78	0.0100	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.314	J	0.355	0.0249	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.161	J	0.355	0.0116	mg/Kg	5	☼	6020B	Total/NA
Chromium	43.9		0.710	0.146	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.16		0.533	0.0201	mg/Kg	5	☼	6020B	Total/NA
Copper	21.7	B	0.355	0.0369	mg/Kg	5	☼	6020B	Total/NA
Lead	18.3		0.355	0.0419	mg/Kg	5	☼	6020B	Total/NA
Manganese	123		0.710	0.0437	mg/Kg	5	☼	6020B	Total/NA
Nickel	18.5	B	0.710	0.0186	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.438	J	1.78	0.126	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0199	J B	0.178	0.00206	mg/Kg	5	☼	6020B	Total/NA
Vanadium	22.3		0.710	0.0891	mg/Kg	5	☼	6020B	Total/NA
Zinc	50.8		1.78	1.47	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	7.12		1.07	0.107	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-40323-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1
Date Collected: 12/15/25 09:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.179	0.0395	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Benzene	ND		0.00894	0.00135	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Bromobenzene	ND		0.00894	0.00169	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Bromoform	ND		0.00894	0.00379	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Bromomethane	ND		0.00894	0.00352	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
2-Butanone (MEK)	ND		0.0894	0.00994	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Carbon disulfide	ND		0.0179	0.00458	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Carbon tetrachloride	ND		0.00894	0.00169	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Chlorobenzene	ND		0.00894	0.00150	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Chlorobromomethane	ND		0.00894	0.00214	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Chlorodibromomethane	ND		0.00894	0.00142	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Chloroethane	ND		0.0179	0.00338	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Chloroform	ND		0.00894	0.00173	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Chloromethane	ND		0.0179	0.00265	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
2-Chlorotoluene	ND		0.00894	0.00193	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
4-Chlorotoluene	ND		0.00894	0.00195	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
cis-1,2-Dichloroethene	ND		0.00894	0.00214	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
cis-1,3-Dichloropropene	ND		0.00894	0.00209	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2-Dibromo-3-Chloropropane	ND		0.00894	0.00368	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Dibromomethane	ND		0.00894	0.00181	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2-Dichlorobenzene	ND		0.00894	0.00193	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,3-Dichlorobenzene	ND		0.00894	0.00142	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,4-Dichlorobenzene	ND		0.00894	0.00207	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Dichlorobromomethane	ND		0.00894	0.00168	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1-Dichloroethane	ND		0.00894	0.00162	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2-Dichloroethane	ND		0.00894	0.00216	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1-Dichloroethene	ND		0.00894	0.00213	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2-Dichloropropane	ND		0.00894	0.00122	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,3-Dichloropropane	ND		0.00894	0.00206	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
2,2-Dichloropropane	ND		0.00894	0.00207	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1-Dichloropropene	ND		0.00894	0.00182	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Ethyl acetate	ND		0.0894	0.0894	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Ethylbenzene	ND		0.00894	0.00191	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Ethylene Dibromide	ND		0.00894	0.00156	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Hexachlorobutadiene	ND		0.00894	0.00286	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Hexane	ND		0.0179	0.0179	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
2-Hexanone	ND		0.0179	0.0132	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Iodomethane	**0.00713**	**J**	0.0179	0.00341	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Isopropylbenzene	ND		0.00894	0.00263	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Isopropyl ether	ND		0.0179	0.0179	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
4-Isopropyltoluene	ND		0.00894	0.00608	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Methylene Chloride	**0.0174**	**J**	0.0357	0.0100	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.0179	0.00583	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Methyl tert-butyl ether	ND		0.00894	0.00313	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
m-Xylene & p-Xylene	ND		0.0179	0.00388	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Naphthalene	ND		0.00894	0.00688	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
n-Butylbenzene	ND		0.00894	0.00315	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
n-Heptane	ND		0.0179	0.0179	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
N-Propylbenzene	ND		0.00894	0.00186	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1
Date Collected: 12/15/25 09:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00894	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
sec-Butylbenzene	ND		0.00894	0.00204	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Styrene	ND		0.00894	0.00454	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
tert-Butylbenzene	ND		0.00894	0.00213	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1,1,2-Tetrachloroethane	ND		0.00894	0.00177	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1,2,2-Tetrachloroethane	ND		0.00894	0.00232	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Tetrachloroethene	ND		0.00894	0.00145	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Toluene	ND		0.00894	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
trans-1,4-Dichloro-2-butene	ND		0.0179	0.00901	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
trans-1,2-Dichloroethene	ND		0.00894	0.00216	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
trans-1,3-Dichloropropene	ND		0.00894	0.00184	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2,3-Trichlorobenzene	ND		0.00894	0.00466	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2,4-Trichlorobenzene	ND		0.00894	0.00359	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1,1-Trichloroethane	ND		0.00894	0.00257	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1,2-Trichloroethane	ND		0.00894	0.00161	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Trichloroethene	ND		0.00894	0.00124	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Trichlorofluoromethane	ND		0.00894	0.00338	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2,3-Trichloropropane	ND		0.00894	0.00239	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0179	0.00177	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,2,4-Trimethylbenzene	ND		0.00894	0.00209	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
1,3,5-Trimethylbenzene	ND		0.00894	0.00222	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Vinyl acetate	ND		0.0179	0.00593	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Vinyl chloride	ND		0.0179	0.00295	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1
Xylenes, Total	ND		0.00894	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/26/25 14:13*	*12/26/25 18:04*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*12/26/25 14:13*	*12/26/25 18:04*	*1*
Toluene-d8 (Surr)	*100*		*71 - 129*	*12/26/25 14:13*	*12/26/25 18:04*	*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		0.00315	0.00315	mg/Kg	☼	12/17/25 16:49	12/19/25 17:08	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*74*		*10 - 150*	*12/17/25 16:49*	*12/19/25 17:08*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.424	0.0123	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,4,5-Trichlorophenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,4,6-Trichlorophenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,4-Dichlorophenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,4-Dimethylphenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,4-Dinitrophenol	ND		1.27	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,4-Dinitrotoluene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2,6-Dinitrotoluene	ND	*+ F1	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2-Chloronaphthalene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2-Chlorophenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2-Methylnaphthalene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2-Methylphenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1
Date Collected: 12/15/25 09:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 74.8

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	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
2-Nitrophenol	ND	*+ F1	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
3 & 4 Methylphenol	ND		0.848	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
3,3'-Dichlorobenzidine	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
3-Nitroaniline	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4,6-Dinitro-2-methylphenol	ND	*+ F1	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4-Bromophenyl phenyl ether	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4-Chloro-3-methylphenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4-Chloroaniline	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4-Chlorophenyl phenyl ether	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4-Nitroaniline	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
4-Nitrophenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Acenaphthene	**0.0659**	**J F1**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Acenaphthylene	**0.0484**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Acetophenone	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Anthracene	**0.137**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Atrazine	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Benzaldehyde	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Benzo[a]anthracene	**0.510**		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Benzo[a]pyrene	**0.483**		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Benzo[b]fluoranthene	**0.649**		0.424	0.00180	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Benzo[g,h,i]perylene	**0.303**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Benzo[k]fluoranthene	**0.235**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
bis (2-chloroisopropyl) ether	ND	*+	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Bis(2-chloroethoxy)methane	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Bis(2-chloroethyl)ether	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Bis(2-ethylhexyl) phthalate	ND		0.424	0.129	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Butyl benzyl phthalate	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Caprolactam	ND	*+	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Carbazole	**0.0899**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Chrysene	**0.485**		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Dibenz(a,h)anthracene	**0.0733**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Dibenzofuran	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Diethyl phthalate	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Dimethyl phthalate	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Di-n-butyl phthalate	ND		1.27	0.386	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Di-n-octyl phthalate	ND	F1	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Fluoranthene	**1.27**		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Fluorene	**0.0766**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Hexachlorobenzene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Hexachlorobutadiene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Hexachlorocyclopentadiene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Hexachloroethane	ND	*+	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Indeno[1,2,3-cd]pyrene	**0.317**	**J**	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Isophorone	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Naphthalene	ND	F1	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Nitrobenzene	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
N-Nitrosodi-n-propylamine	ND	*+	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
N-Nitrosodiphenylamine	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1
Date Collected: 12/15/25 09:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 74.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND	*+ F1	0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Phenanthrene	**0.737**		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Phenol	ND		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1
Pyrene	**0.992**		0.424	0.0424	mg/Kg	☼	12/17/25 15:32	12/18/25 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*155*	*S1+*	*40 - 140*	*12/17/25 15:32*	*12/18/25 18:28*	*1*
2-Fluorobiphenyl (Surr)	*119*		*40 - 140*	*12/17/25 15:32*	*12/18/25 18:28*	*1*
2-Fluorophenol (Surr)	*130*		*40 - 140*	*12/17/25 15:32*	*12/18/25 18:28*	*1*
Nitrobenzene-d5 (Surr)	*134*		*40 - 140*	*12/17/25 15:32*	*12/18/25 18:28*	*1*
Phenol-d5 (Surr)	*132*		*40 - 140*	*12/17/25 15:32*	*12/18/25 18:28*	*1*
Terphenyl-d14 (Surr)	*127*		*40 - 140*	*12/17/25 15:32*	*12/18/25 18:28*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.32	0.964	mg/Kg	☼		12/24/25 04:42	1
Sulfate	**38.7**		13.3	13.0	mg/Kg	☼		12/24/25 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.471**	**J**	1.02	0.234	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Arsenic	**1.23**		0.614	0.0547	mg/Kg	☼	12/22/25 09:27	12/23/25 14:13	5
Barium	**18.9**	**B**	2.56	0.0145	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Beryllium	**0.340**	**J**	0.512	0.0359	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Cadmium	**0.104**	**J**	0.512	0.0167	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Chromium	**16.9**		1.02	0.211	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Cobalt	**4.28**		0.767	0.0290	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Copper	**17.7**	**B**	0.512	0.0532	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Lead	**11.9**		0.512	0.0604	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Manganese	**114**		1.02	0.0629	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Nickel	**13.2**	**B**	1.02	0.0268	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Selenium	**0.237**	**J**	2.56	0.182	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Silver	**0.0121**	**J B**	0.256	0.00297	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Thallium	**0.108**	**J B**	0.716	0.0431	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Vanadium	**14.2**		1.02	0.128	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	5
Zinc	**59.8**		2.56	2.12	mg/Kg	☼	12/22/25 09:27	12/22/25 14:21	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	☼	12/19/25 10:54	12/19/25 18:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**1.06**	**J F1 F2**	1.30	0.130	mg/Kg	☼	12/19/25 09:03	12/20/25 03:39	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.30	0.416	mg/Kg	☼		12/23/25 11:28	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2
Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.208	0.0460	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Benzene	ND		0.0104	0.00158	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Bromobenzene	ND		0.0104	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Bromoform	ND		0.0104	0.00442	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Bromomethane	ND		0.0104	0.00410	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
2-Butanone (MEK)	ND		0.104	0.0116	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Carbon disulfide	ND		0.0208	0.00533	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Carbon tetrachloride	ND		0.0104	0.00197	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Chlorobenzene	ND		0.0104	0.00175	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Chlorobromomethane	ND		0.0104	0.00250	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Chlorodibromomethane	ND		0.0104	0.00166	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Chloroethane	ND		0.0208	0.00394	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Chloroform	ND		0.0104	0.00202	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Chloromethane	ND		0.0208	0.00308	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
2-Chlorotoluene	ND		0.0104	0.00225	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
4-Chlorotoluene	ND		0.0104	0.00227	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
cis-1,2-Dichloroethene	ND		0.0104	0.00250	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
cis-1,3-Dichloropropene	ND		0.0104	0.00244	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2-Dibromo-3-Chloropropane	ND		0.0104	0.00429	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Dibromomethane	ND		0.0104	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2-Dichlorobenzene	ND		0.0104	0.00225	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,3-Dichlorobenzene	ND		0.0104	0.00166	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,4-Dichlorobenzene	ND		0.0104	0.00242	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Dichlorobromomethane	ND		0.0104	0.00195	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1-Dichloroethane	ND		0.0104	0.00189	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2-Dichloroethane	ND		0.0104	0.00252	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1-Dichloroethene	ND		0.0104	0.00248	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2-Dichloropropane	ND		0.0104	0.00143	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,3-Dichloropropane	ND		0.0104	0.00240	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
2,2-Dichloropropane	ND		0.0104	0.00242	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1-Dichloropropene	ND		0.0104	0.00213	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Ethyl acetate	ND		0.104	0.104	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Ethylbenzene	ND		0.0104	0.00223	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Ethylene Dibromide	ND		0.0104	0.00182	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Hexachlorobutadiene	ND		0.0104	0.00333	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Hexane	ND		0.0208	0.0208	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
2-Hexanone	ND		0.0208	0.0154	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Iodomethane	**0.00811**	**J**	0.0208	0.00398	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Isopropylbenzene	ND		0.0104	0.00306	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Isopropyl ether	ND		0.0208	0.0208	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
4-Isopropyltoluene	ND		0.0104	0.00708	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Methylene Chloride	ND		0.0417	0.0117	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.0208	0.00679	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Methyl tert-butyl ether	ND		0.0104	0.00365	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
m-Xylene & p-Xylene	ND		0.0208	0.00452	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Naphthalene	ND		0.0104	0.00802	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
n-Butylbenzene	ND		0.0104	0.00367	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
n-Heptane	ND		0.0208	0.0208	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
N-Propylbenzene	ND		0.0104	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2
Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0104	0.00275	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
sec-Butylbenzene	ND		0.0104	0.00238	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Styrene	ND		0.0104	0.00529	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
tert-Butylbenzene	ND		0.0104	0.00248	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1,1,2-Tetrachloroethane	ND		0.0104	0.00206	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1,2,2-Tetrachloroethane	ND		0.0104	0.00271	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Tetrachloroethene	ND		0.0104	0.00170	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Toluene	ND		0.0104	0.00205	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
trans-1,4-Dichloro-2-butene	ND		0.0208	0.0105	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
trans-1,2-Dichloroethene	ND		0.0104	0.00252	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
trans-1,3-Dichloropropene	ND		0.0104	0.00215	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2,3-Trichlorobenzene	ND		0.0104	0.00544	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2,4-Trichlorobenzene	ND		0.0104	0.00419	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1,1-Trichloroethane	ND		0.0104	0.00300	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1,2-Trichloroethane	ND		0.0104	0.00188	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Trichloroethene	ND		0.0104	0.00145	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Trichlorofluoromethane	ND		0.0104	0.00394	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2,3-Trichloropropane	ND		0.0104	0.00279	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0208	0.00207	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,2,4-Trimethylbenzene	ND		0.0104	0.00244	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
1,3,5-Trimethylbenzene	ND		0.0104	0.00258	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Vinyl acetate	ND		0.0208	0.00692	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Vinyl chloride	ND		0.0208	0.00344	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1
Xylenes, Total	ND		0.0104	0.00275	mg/Kg	☼	12/26/25 14:13	12/26/25 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*12/26/25 14:13*	*12/26/25 18:25*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*12/26/25 14:13*	*12/26/25 18:25*	*1*
Toluene-d8 (Surr)	*98*		*71 - 129*	*12/26/25 14:13*	*12/26/25 18:25*	*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		0.00293	0.00293	mg/Kg	☼	12/17/25 16:49	12/19/25 17:29	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*69*		*10 - 150*	*12/17/25 16:49*	*12/19/25 17:29*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.417	0.0121	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,4,5-Trichlorophenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,4,6-Trichlorophenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,4-Dichlorophenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,4-Dimethylphenol	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,4-Dinitrophenol	ND		1.25	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,4-Dinitrotoluene	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2,6-Dinitrotoluene	ND	F1 *+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2-Chloronaphthalene	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2-Chlorophenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2-Methylnaphthalene	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2-Methylphenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2
Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	F1 *+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
2-Nitrophenol	ND	F1 *+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
3 & 4 Methylphenol	ND		0.833	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
3,3'-Dichlorobenzidine	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
3-Nitroaniline	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4,6-Dinitro-2-methylphenol	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4-Bromophenyl phenyl ether	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4-Chloro-3-methylphenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4-Chloroaniline	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4-Chlorophenyl phenyl ether	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4-Nitroaniline	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
4-Nitrophenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Acenaphthene	**0.151**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Acenaphthylene	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Acetophenone	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Anthracene	**0.116**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Atrazine	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Benzaldehyde	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Benzo[a]anthracene	**0.677**		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Benzo[a]pyrene	**0.603**		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Benzo[b]fluoranthene	**0.890**		0.417	0.00177	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Benzo[g,h,i]perylene	**0.406**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Benzo[k]fluoranthene	**0.321**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
bis (2-chloroisopropyl) ether	ND	*+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Bis(2-chloroethoxy)methane	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Bis(2-chloroethyl)ether	ND	*+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Bis(2-ethylhexyl) phthalate	ND		0.417	0.126	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Butyl benzyl phthalate	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Caprolactam	**0.157**	**J F1 *+**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Carbazole	**0.139**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Chrysene	**0.769**		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Dibenz(a,h)anthracene	**0.0971**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Dibenzofuran	**0.0529**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Diethyl phthalate	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Dimethyl phthalate	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Di-n-butyl phthalate	ND	F1	1.25	0.379	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Di-n-octyl phthalate	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Fluoranthene	**2.13**	**F1**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Fluorene	**0.114**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Hexachlorobenzene	ND	*+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Hexachlorobutadiene	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Hexachlorocyclopentadiene	ND	F1	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Hexachloroethane	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Indeno[1,2,3-cd]pyrene	**0.415**	**J**	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Isophorone	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Naphthalene	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Nitrobenzene	ND	F1 *+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
N-Nitrosodi-n-propylamine	ND	*+	0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
N-Nitrosodiphenylamine	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2
Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Phenanthrene	**1.11**		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Phenol	ND		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1
Pyrene	**1.58**		0.417	0.0417	mg/Kg	☼	12/17/25 17:07	12/19/25 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*131*		*40 - 140*	*12/17/25 17:07*	*12/19/25 02:33*	*1*
2-Fluorobiphenyl (Surr)	*114*		*40 - 140*	*12/17/25 17:07*	*12/19/25 02:33*	*1*
2-Fluorophenol (Surr)	*135*		*40 - 140*	*12/17/25 17:07*	*12/19/25 02:33*	*1*
Nitrobenzene-d5 (Surr)	*128*		*40 - 140*	*12/17/25 17:07*	*12/19/25 02:33*	*1*
Phenol-d5 (Surr)	*121*		*40 - 140*	*12/17/25 17:07*	*12/19/25 02:33*	*1*
Terphenyl-d14 (Surr)	*140*		*40 - 140*	*12/17/25 17:07*	*12/19/25 02:33*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.14	0.910	mg/Kg	☼		12/24/25 04:54	1
Sulfate	**30.9**		12.5	12.3	mg/Kg	☼		12/24/25 04:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.723	0.165	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Arsenic	**0.658**		0.434	0.0387	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Barium	**12.3**	**B**	1.81	0.0102	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Beryllium	**0.182**	**J**	0.362	0.0254	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Cadmium	**0.0794**	**J**	0.362	0.0118	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Chromium	**7.32**		0.723	0.149	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Cobalt	**4.88**		0.542	0.0205	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Copper	**11.7**	**B**	0.362	0.0376	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Lead	**10.2**		0.362	0.0427	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Manganese	**103**		0.723	0.0445	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Nickel	**14.8**	**B**	0.723	0.0189	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Selenium	ND		1.81	0.128	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Silver	**0.00909**	**J B**	0.181	0.00210	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Thallium	ND		0.506	0.0305	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Vanadium	**11.6**		0.723	0.0908	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5
Zinc	**71.5**		1.81	1.50	mg/Kg	☼	12/22/25 09:27	12/22/25 14:24	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.126	0.0184	mg/Kg	☼	12/19/25 10:54	12/19/25 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.17	0.117	mg/Kg	☼	12/19/25 09:03	12/20/25 04:17	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.22	0.391	mg/Kg	☼		12/23/25 11:30	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3
Date Collected: 12/15/25 10:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.194	0.0429	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Benzene	ND		0.00972	0.00147	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Bromobenzene	ND		0.00972	0.00183	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Bromoform	ND		0.00972	0.00412	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Bromomethane	ND		0.00972	0.00383	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
2-Butanone (MEK)	ND		0.0972	0.0108	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Carbon disulfide	ND		0.0194	0.00497	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Carbon tetrachloride	ND		0.00972	0.00184	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Chlorobenzene	ND		0.00972	0.00163	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Chlorobromomethane	ND		0.00972	0.00233	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Chlorodibromomethane	ND		0.00972	0.00154	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Chloroethane	ND		0.0194	0.00367	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Chloroform	ND		0.00972	0.00188	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Chloromethane	ND		0.0194	0.00288	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
2-Chlorotoluene	ND		0.00972	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
4-Chlorotoluene	ND		0.00972	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
cis-1,2-Dichloroethene	ND		0.00972	0.00233	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
cis-1,3-Dichloropropene	ND		0.00972	0.00227	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2-Dibromo-3-Chloropropane	ND		0.00972	0.00400	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Dibromomethane	ND		0.00972	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2-Dichlorobenzene	ND		0.00972	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,3-Dichlorobenzene	ND		0.00972	0.00155	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,4-Dichlorobenzene	ND		0.00972	0.00225	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Dichlorobromomethane	ND		0.00972	0.00182	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1-Dichloroethane	ND		0.00972	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2-Dichloroethane	ND		0.00972	0.00235	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1-Dichloroethene	ND		0.00972	0.00231	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2-Dichloropropane	ND		0.00972	0.00133	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,3-Dichloropropane	ND		0.00972	0.00223	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
2,2-Dichloropropane	ND		0.00972	0.00225	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1-Dichloropropene	ND		0.00972	0.00198	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Ethyl acetate	ND		0.0972	0.0972	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Ethylbenzene	ND		0.00972	0.00208	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Ethylene Dibromide	ND		0.00972	0.00170	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Hexachlorobutadiene	ND		0.00972	0.00311	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Hexane	ND		0.0194	0.0194	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
2-Hexanone	ND		0.0194	0.0143	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Iodomethane	**0.00785**	**J**	0.0194	0.00371	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Isopropylbenzene	ND		0.00972	0.00286	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Isopropyl ether	ND		0.0194	0.0194	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
4-Isopropyltoluene	ND		0.00972	0.00661	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Methylene Chloride	ND		0.0389	0.0109	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.0194	0.00634	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Methyl tert-butyl ether	ND		0.00972	0.00340	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
m-Xylene & p-Xylene	ND		0.0194	0.00422	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Naphthalene	ND		0.00972	0.00748	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
n-Butylbenzene	ND		0.00972	0.00342	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
n-Heptane	ND		0.0194	0.0194	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
N-Propylbenzene	ND		0.00972	0.00202	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3
Date Collected: 12/15/25 10:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00972	0.00257	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
sec-Butylbenzene	ND		0.00972	0.00222	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Styrene	ND		0.00972	0.00494	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
tert-Butylbenzene	ND		0.00972	0.00231	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1,1,2-Tetrachloroethane	ND		0.00972	0.00192	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1,2,2-Tetrachloroethane	ND		0.00972	0.00253	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Tetrachloroethene	ND		0.00972	0.00158	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Toluene	ND		0.00972	0.00191	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
trans-1,4-Dichloro-2-butene	ND		0.0194	0.00979	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
trans-1,2-Dichloroethene	ND		0.00972	0.00235	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
trans-1,3-Dichloropropene	ND		0.00972	0.00200	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2,3-Trichlorobenzene	ND		0.00972	0.00507	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2,4-Trichlorobenzene	ND		0.00972	0.00391	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1,1-Trichloroethane	ND		0.00972	0.00280	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1,2-Trichloroethane	ND		0.00972	0.00175	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Trichloroethene	ND		0.00972	0.00135	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Trichlorofluoromethane	ND		0.00972	0.00367	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2,3-Trichloropropane	ND		0.00972	0.00260	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0194	0.00193	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,2,4-Trimethylbenzene	ND		0.00972	0.00227	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
1,3,5-Trimethylbenzene	ND		0.00972	0.00241	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Vinyl acetate	ND		0.0194	0.00645	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Vinyl chloride	ND		0.0194	0.00321	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1
Xylenes, Total	ND		0.00972	0.00257	mg/Kg	☼	12/26/25 14:13	12/26/25 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 127*	*12/26/25 14:13*	*12/26/25 18:46*	*1*
Dibromofluoromethane	*107*		*80 - 119*	*12/26/25 14:13*	*12/26/25 18:46*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*12/26/25 14:13*	*12/26/25 18:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00275	0.00275	mg/Kg	☼	12/17/25 16:49	12/19/25 17:50	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*68*		*10 - 150*	*12/17/25 16:49*	*12/19/25 17:50*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.390	0.0113	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,4,5-Trichlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,4,6-Trichlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,4-Dichlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,4-Dimethylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,4-Dinitrophenol	**0.201**	**J**	1.17	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,4-Dinitrotoluene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2,6-Dinitrotoluene	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2-Chloronaphthalene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2-Chlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2-Methylnaphthalene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2-Methylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3
Date Collected: 12/15/25 10:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
2-Nitrophenol	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
3 & 4 Methylphenol	ND		0.780	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
3,3'-Dichlorobenzidine	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
3-Nitroaniline	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4,6-Dinitro-2-methylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4-Bromophenyl phenyl ether	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4-Chloro-3-methylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4-Chloroaniline	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4-Chlorophenyl phenyl ether	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4-Nitroaniline	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
4-Nitrophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Acenaphthene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Acenaphthylene	**0.0442**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Acetophenone	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Anthracene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Atrazine	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Benzaldehyde	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Benzo[a]anthracene	**0.0940**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Benzo[a]pyrene	**0.235**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Benzo[b]fluoranthene	**0.290**	**J**	0.390	0.00165	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Benzo[g,h,i]perylene	**0.211**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Benzo[k]fluoranthene	**0.0894**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
bis (2-chloroisopropyl) ether	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Bis(2-chloroethoxy)methane	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Bis(2-chloroethyl)ether	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Bis(2-ethylhexyl) phthalate	ND		0.390	0.118	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Butyl benzyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Caprolactam	**0.137**	**J *+**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Carbazole	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Chrysene	**0.137**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Dibenz(a,h)anthracene	**0.0402**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Dibenzofuran	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Diethyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Dimethyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Di-n-butyl phthalate	ND		1.17	0.354	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Di-n-octyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Fluoranthene	**0.195**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Fluorene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Hexachlorobenzene	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Hexachlorobutadiene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Hexachlorocyclopentadiene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Hexachloroethane	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Indeno[1,2,3-cd]pyrene	**0.193**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Isophorone	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Naphthalene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Nitrobenzene	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
N-Nitrosodi-n-propylamine	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
N-Nitrosodiphenylamine	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3
Date Collected: 12/15/25 10:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Phenanthrene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Phenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1
Pyrene	**0.204**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*172*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 15:08*	*1*
2-Fluorobiphenyl (Surr)	*119*		*40 - 140*	*12/17/25 17:07*	*12/19/25 15:08*	*1*
2-Fluorophenol (Surr)	*146*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 15:08*	*1*
Nitrobenzene-d5 (Surr)	*137*		*40 - 140*	*12/17/25 17:07*	*12/19/25 15:08*	*1*
Phenol-d5 (Surr)	*144*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 15:08*	*1*
Terphenyl-d14 (Surr)	*149*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 15:08*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.99	0.866	mg/Kg	☼		12/24/25 05:05	1
Sulfate	**21.6**		11.9	11.7	mg/Kg	☼		12/24/25 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.179**	**J**	0.742	0.170	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Arsenic	**0.628**		0.445	0.0397	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Barium	**23.4**	**B**	1.85	0.0105	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Beryllium	**0.151**	**J**	0.371	0.0260	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Cadmium	**0.0760**	**J**	0.371	0.0121	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Chromium	**4.65**		0.742	0.153	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Cobalt	**5.80**		0.556	0.0210	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Copper	**14.1**	**B**	0.371	0.0386	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Lead	**17.5**		0.371	0.0438	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Manganese	**115**		0.742	0.0456	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Nickel	**18.7**	**B**	0.742	0.0194	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Selenium	**0.146**	**J**	1.85	0.132	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Silver	**0.0196**	**J B**	0.185	0.00215	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Thallium	**0.0563**	**J B**	0.519	0.0313	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Vanadium	**13.5**		0.742	0.0931	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5
Zinc	**64.6**		1.85	1.54	mg/Kg	☼	12/22/25 09:27	12/22/25 14:48	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.115	0.0168	mg/Kg	☼	12/19/25 10:54	12/19/25 19:18	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	☼	12/19/25 09:03	12/20/25 04:55	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.18	0.377	mg/Kg	☼		12/23/25 11:33	1

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4
Date Collected: 12/15/25 11:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.151	0.0333	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Benzene	ND		0.00753	0.00114	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Bromobenzene	ND		0.00753	0.00142	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Bromoform	ND		0.00753	0.00319	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Bromomethane	ND		0.00753	0.00297	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
2-Butanone (MEK)	ND		0.0753	0.00838	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Carbon disulfide	ND		0.0151	0.00386	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Carbon tetrachloride	ND		0.00753	0.00143	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Chlorobenzene	ND		0.00753	0.00126	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Chlorobromomethane	ND		0.00753	0.00181	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Chlorodibromomethane	ND		0.00753	0.00120	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Chloroethane	ND		0.0151	0.00285	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Chloroform	ND		0.00753	0.00146	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Chloromethane	ND		0.0151	0.00223	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
2-Chlorotoluene	ND		0.00753	0.00163	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
4-Chlorotoluene	ND		0.00753	0.00164	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
cis-1,2-Dichloroethene	ND		0.00753	0.00181	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
cis-1,3-Dichloropropene	ND		0.00753	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2-Dibromo-3-Chloropropane	ND		0.00753	0.00310	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Dibromomethane	ND		0.00753	0.00152	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2-Dichlorobenzene	ND		0.00753	0.00163	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,3-Dichlorobenzene	ND		0.00753	0.00120	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,4-Dichlorobenzene	ND		0.00753	0.00175	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Dichlorobromomethane	ND		0.00753	0.00141	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1-Dichloroethane	ND		0.00753	0.00136	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2-Dichloroethane	ND		0.00753	0.00182	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1-Dichloroethene	ND		0.00753	0.00179	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2-Dichloropropane	ND		0.00753	0.00103	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,3-Dichloropropane	ND		0.00753	0.00173	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
2,2-Dichloropropane	ND		0.00753	0.00175	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1-Dichloropropene	ND		0.00753	0.00154	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Ethyl acetate	ND		0.0753	0.0753	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Ethylbenzene	ND		0.00753	0.00161	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Ethylene Dibromide	ND		0.00753	0.00132	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Hexachlorobutadiene	ND		0.00753	0.00241	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Hexane	ND		0.0151	0.0151	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
2-Hexanone	ND		0.0151	0.0111	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Iodomethane	**0.00630**	**J**	0.0151	0.00288	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Isopropylbenzene	ND		0.00753	0.00221	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Isopropyl ether	ND		0.0151	0.0151	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
4-Isopropyltoluene	ND		0.00753	0.00512	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Methylene Chloride	**0.0109**	**J**	0.0301	0.00847	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
4-Methyl-2-pentanone (MIBK)	ND		0.0151	0.00491	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Methyl tert-butyl ether	ND		0.00753	0.00264	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
m-Xylene & p-Xylene	ND		0.0151	0.00327	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Naphthalene	ND		0.00753	0.00580	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
n-Butylbenzene	ND		0.00753	0.00265	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
n-Heptane	ND		0.0151	0.0151	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
N-Propylbenzene	ND		0.00753	0.00157	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4
Date Collected: 12/15/25 11:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00753	0.00199	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
sec-Butylbenzene	ND		0.00753	0.00172	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Styrene	ND		0.00753	0.00383	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
tert-Butylbenzene	ND		0.00753	0.00179	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1,1,2-Tetrachloroethane	ND		0.00753	0.00149	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1,2,2-Tetrachloroethane	ND		0.00753	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Tetrachloroethene	ND		0.00753	0.00123	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Toluene	ND		0.00753	0.00148	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
trans-1,4-Dichloro-2-butene	ND		0.0151	0.00759	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
trans-1,2-Dichloroethene	ND		0.00753	0.00182	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
trans-1,3-Dichloropropene	ND		0.00753	0.00155	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2,3-Trichlorobenzene	ND		0.00753	0.00393	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2,4-Trichlorobenzene	ND		0.00753	0.00303	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1,1-Trichloroethane	ND		0.00753	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1,2-Trichloroethane	ND		0.00753	0.00136	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Trichloroethene	ND		0.00753	0.00105	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Trichlorofluoromethane	ND		0.00753	0.00285	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2,3-Trichloropropane	ND		0.00753	0.00202	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0151	0.00150	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,2,4-Trimethylbenzene	ND		0.00753	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
1,3,5-Trimethylbenzene	ND		0.00753	0.00187	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Vinyl acetate	ND		0.0151	0.00500	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Vinyl chloride	ND		0.0151	0.00249	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1
Xylenes, Total	ND		0.00753	0.00199	mg/Kg	☼	12/26/25 14:13	12/26/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*12/26/25 14:13*	*12/26/25 19:07*	*1*
Dibromofluoromethane	*105*		*80 - 119*	*12/26/25 14:13*	*12/26/25 19:07*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*12/26/25 14:13*	*12/26/25 19:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00257	0.00257	mg/Kg	☼	12/17/25 16:49	12/19/25 18:12	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*10 - 150*	*12/17/25 16:49*	*12/19/25 18:12*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.355	0.0103	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,4,5-Trichlorophenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,4,6-Trichlorophenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,4-Dichlorophenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,4-Dimethylphenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,4-Dinitrophenol	ND		1.06	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,4-Dinitrotoluene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2,6-Dinitrotoluene	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2-Chloronaphthalene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2-Chlorophenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2-Methylnaphthalene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2-Methylphenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4
Date Collected: 12/15/25 11:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
2-Nitrophenol	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
3 & 4 Methylphenol	ND		0.709	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
3,3'-Dichlorobenzidine	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
3-Nitroaniline	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4,6-Dinitro-2-methylphenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4-Bromophenyl phenyl ether	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4-Chloro-3-methylphenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4-Chloroaniline	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4-Chlorophenyl phenyl ether	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4-Nitroaniline	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
4-Nitrophenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Acenaphthene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Acenaphthylene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Acetophenone	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Anthracene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Atrazine	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Benzaldehyde	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Benzo[a]anthracene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Benzo[a]pyrene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Benzo[b]fluoranthene	**0.0493**	**J**	0.355	0.00150	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Benzo[g,h,i]perylene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Benzo[k]fluoranthene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
bis (2-chloroisopropyl) ether	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Bis(2-chloroethoxy)methane	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Bis(2-chloroethyl)ether	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Bis(2-ethylhexyl) phthalate	ND		0.355	0.107	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Butyl benzyl phthalate	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Caprolactam	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Carbazole	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Chrysene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Dibenz(a,h)anthracene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Dibenzofuran	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Diethyl phthalate	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Dimethyl phthalate	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Di-n-butyl phthalate	ND		1.06	0.322	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Di-n-octyl phthalate	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Fluoranthene	**0.0599**	**J**	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Fluorene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Hexachlorobenzene	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Hexachlorobutadiene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Hexachlorocyclopentadiene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Hexachloroethane	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Indeno[1,2,3-cd]pyrene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Isophorone	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Naphthalene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Nitrobenzene	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
N-Nitrosodi-n-propylamine	ND	*+	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
N-Nitrosodiphenylamine	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4
Date Collected: 12/15/25 11:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Phenanthrene	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Phenol	ND		0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1
Pyrene	**0.0748**	**J**	0.355	0.0355	mg/Kg	☼	12/17/25 17:07	12/19/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*143*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 15:39*	*1*
2-Fluorobiphenyl (Surr)	*121*		*40 - 140*	*12/17/25 17:07*	*12/19/25 15:39*	*1*
2-Fluorophenol (Surr)	*140*		*40 - 140*	*12/17/25 17:07*	*12/19/25 15:39*	*1*
Nitrobenzene-d5 (Surr)	*133*		*40 - 140*	*12/17/25 17:07*	*12/19/25 15:39*	*1*
Phenol-d5 (Surr)	*135*		*40 - 140*	*12/17/25 17:07*	*12/19/25 15:39*	*1*
Terphenyl-d14 (Surr)	*147*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 15:39*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.70	0.782	mg/Kg	☼		12/24/25 05:16	1
Sulfate	**22.3**		10.8	10.6	mg/Kg	☼		12/24/25 05:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.664	0.152	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Arsenic	**0.709**		0.399	0.0355	mg/Kg	☼	12/22/25 09:27	12/23/25 14:16	5
Barium	**17.3**	**B**	1.66	0.00940	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Beryllium	**0.124**	**J**	0.332	0.0233	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Cadmium	**0.107**	**J**	0.332	0.0108	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Chromium	**4.99**		0.664	0.137	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Cobalt	**3.42**		0.498	0.0188	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Copper	**9.48**	**B**	0.332	0.0345	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Lead	**12.7**		0.332	0.0392	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Manganese	**104**		0.664	0.0409	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Nickel	**10.3**	**B**	0.664	0.0174	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Selenium	**0.118**	**J**	1.66	0.118	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Silver	**0.0189**	**J B**	0.166	0.00193	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Thallium	**0.0292**	**J B**	0.465	0.0280	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Vanadium	**8.81**		0.664	0.0834	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5
Zinc	**43.9**		1.66	1.38	mg/Kg	☼	12/22/25 09:27	12/22/25 14:51	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0291**	**J**	0.101	0.0148	mg/Kg	☼	12/19/25 10:54	12/19/25 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		0.994	0.0994	mg/Kg	☼	12/19/25 09:03	12/20/25 05:08	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.09	0.347	mg/Kg	☼		12/23/25 11:36	1

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5
Date Collected: 12/15/25 11:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.196	0.0433	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Benzene	ND		0.00979	0.00148	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Bromobenzene	ND		0.00979	0.00185	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Bromoform	ND		0.00979	0.00415	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Bromomethane	ND		0.00979	0.00386	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
2-Butanone (MEK)	ND		0.0979	0.0109	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Carbon disulfide	ND		0.0196	0.00501	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Carbon tetrachloride	ND		0.00979	0.00185	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Chlorobenzene	ND		0.00979	0.00164	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Chlorobromomethane	ND		0.00979	0.00235	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Chlorodibromomethane	ND		0.00979	0.00156	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Chloroethane	ND		0.0196	0.00370	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Chloroform	ND		0.00979	0.00190	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Chloromethane	ND		0.0196	0.00290	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
2-Chlorotoluene	ND		0.00979	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
4-Chlorotoluene	ND		0.00979	0.00213	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
cis-1,2-Dichloroethene	ND		0.00979	0.00235	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
cis-1,3-Dichloropropene	ND		0.00979	0.00229	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2-Dibromo-3-Chloropropane	ND		0.00979	0.00403	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Dibromomethane	ND		0.00979	0.00198	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2-Dichlorobenzene	ND		0.00979	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,3-Dichlorobenzene	ND		0.00979	0.00156	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,4-Dichlorobenzene	ND		0.00979	0.00227	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Dichlorobromomethane	ND		0.00979	0.00184	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1-Dichloroethane	ND		0.00979	0.00177	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2-Dichloroethane	ND		0.00979	0.00237	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1-Dichloroethene	ND		0.00979	0.00233	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2-Dichloropropane	ND		0.00979	0.00134	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,3-Dichloropropane	ND		0.00979	0.00225	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
2,2-Dichloropropane	ND		0.00979	0.00227	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1-Dichloropropene	ND		0.00979	0.00200	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Ethyl acetate	ND		0.0979	0.0979	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Ethylbenzene	ND		0.00979	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Ethylene Dibromide	ND		0.00979	0.00171	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Hexachlorobutadiene	ND		0.00979	0.00313	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Hexane	ND		0.0196	0.0196	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
2-Hexanone	ND		0.0196	0.0144	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Iodomethane	ND		0.0196	0.00374	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Isopropylbenzene	ND		0.00979	0.00288	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Isopropyl ether	ND		0.0196	0.0196	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
4-Isopropyltoluene	ND		0.00979	0.00666	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Methylene Chloride	**0.0158**	**J**	0.0392	0.0110	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		0.0196	0.00638	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Methyl tert-butyl ether	ND		0.00979	0.00343	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
m-Xylene & p-Xylene	ND		0.0196	0.00425	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Naphthalene	ND		0.00979	0.00754	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
n-Butylbenzene	ND		0.00979	0.00345	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
n-Heptane	ND		0.0196	0.0196	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
N-Propylbenzene	ND		0.00979	0.00204	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5
Date Collected: 12/15/25 11:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00979	0.00259	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
sec-Butylbenzene	ND		0.00979	0.00223	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Styrene	ND		0.00979	0.00497	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
tert-Butylbenzene	ND		0.00979	0.00233	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1,1,2-Tetrachloroethane	ND		0.00979	0.00194	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1,2,2-Tetrachloroethane	ND		0.00979	0.00255	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Tetrachloroethene	ND		0.00979	0.00159	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Toluene	ND		0.00979	0.00192	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
trans-1,4-Dichloro-2-butene	ND		0.0196	0.00987	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
trans-1,2-Dichloroethene	ND		0.00979	0.00237	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
trans-1,3-Dichloropropene	ND		0.00979	0.00202	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2,3-Trichlorobenzene	ND		0.00979	0.00511	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2,4-Trichlorobenzene	ND		0.00979	0.00394	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1,1-Trichloroethane	ND		0.00979	0.00282	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1,2-Trichloroethane	ND		0.00979	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Trichloroethene	ND		0.00979	0.00136	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Trichlorofluoromethane	ND		0.00979	0.00370	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2,3-Trichloropropane	ND		0.00979	0.00262	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0196	0.00194	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,2,4-Trimethylbenzene	ND		0.00979	0.00229	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
1,3,5-Trimethylbenzene	ND		0.00979	0.00243	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Vinyl acetate	ND		0.0196	0.00650	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Vinyl chloride	ND		0.0196	0.00323	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1
Xylenes, Total	ND		0.00979	0.00259	mg/Kg	☼	12/26/25 14:13	12/26/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 127*	*12/26/25 14:13*	*12/26/25 19:27*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*12/26/25 14:13*	*12/26/25 19:27*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*	*12/26/25 14:13*	*12/26/25 19:27*	*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		0.00281	0.00281	mg/Kg	☼	12/17/25 16:49	12/19/25 18:33	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*75*		*10 - 150*	*12/17/25 16:49*	*12/19/25 18:33*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.376	0.0109	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,4,5-Trichlorophenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,4,6-Trichlorophenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,4-Dichlorophenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,4-Dimethylphenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,4-Dinitrophenol	ND		1.13	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,4-Dinitrotoluene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2,6-Dinitrotoluene	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2-Chloronaphthalene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2-Chlorophenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2-Methylnaphthalene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2-Methylphenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5
Date Collected: 12/15/25 11:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
2-Nitrophenol	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
3 & 4 Methylphenol	ND		0.752	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
3,3'-Dichlorobenzidine	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
3-Nitroaniline	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4,6-Dinitro-2-methylphenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4-Bromophenyl phenyl ether	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4-Chloro-3-methylphenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4-Chloroaniline	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4-Chlorophenyl phenyl ether	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4-Nitroaniline	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
4-Nitrophenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Acenaphthene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Acenaphthylene	**0.0457**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Acetophenone	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Anthracene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Atrazine	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Benzaldehyde	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Benzo[a]anthracene	**0.301**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Benzo[a]pyrene	**0.280**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Benzo[b]fluoranthene	**0.365**	**J**	0.376	0.00159	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Benzo[g,h,i]perylene	**0.160**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Benzo[k]fluoranthene	**0.136**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
bis (2-chloroisopropyl) ether	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Bis(2-chloroethoxy)methane	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Bis(2-chloroethyl)ether	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Bis(2-ethylhexyl) phthalate	ND		0.376	0.114	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Butyl benzyl phthalate	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Caprolactam	**0.163**	**J *+**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Carbazole	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Chrysene	**0.271**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Dibenz(a,h)anthracene	**0.0413**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Dibenzofuran	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Diethyl phthalate	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Dimethyl phthalate	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Di-n-butyl phthalate	ND		1.13	0.342	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Di-n-octyl phthalate	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Fluoranthene	**0.391**		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Fluorene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Hexachlorobenzene	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Hexachlorobutadiene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Hexachlorocyclopentadiene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Hexachloroethane	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Indeno[1,2,3-cd]pyrene	**0.168**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Isophorone	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Naphthalene	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Nitrobenzene	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
N-Nitrosodi-n-propylamine	ND	*+	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
N-Nitrosodiphenylamine	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5

Date Collected: 12/15/25 11:45
Matrix: Solid

Date Received: 12/15/25 17:06
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Phenanthrene	**0.0600**	**J**	0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Phenol	ND		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1
Pyrene	**0.490**		0.376	0.0376	mg/Kg	☼	12/17/25 17:07	12/19/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*158*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 16:09*	*1*
2-Fluorobiphenyl (Surr)	*118*		*40 - 140*	*12/17/25 17:07*	*12/19/25 16:09*	*1*
2-Fluorophenol (Surr)	*142*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 16:09*	*1*
Nitrobenzene-d5 (Surr)	*137*		*40 - 140*	*12/17/25 17:07*	*12/19/25 16:09*	*1*
Phenol-d5 (Surr)	*141*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 16:09*	*1*
Terphenyl-d14 (Surr)	*141*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 16:09*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.90	0.842	mg/Kg	☼		12/24/25 05:28	1
Sulfate	**37.6**		11.6	11.4	mg/Kg	☼		12/24/25 05:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.675	0.154	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Arsenic	**0.609**		0.405	0.0361	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Barium	**12.9**	**B**	1.69	0.00956	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Beryllium	**0.107**	**J**	0.338	0.0237	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Cadmium	**0.0868**	**J**	0.338	0.0110	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Chromium	**5.82**		0.675	0.139	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Cobalt	**4.01**		0.506	0.0191	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Copper	**8.60**	**B**	0.338	0.0351	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Lead	**10.6**		0.338	0.0398	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Manganese	**78.2**		0.675	0.0415	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Nickel	**12.8**	**B**	0.675	0.0177	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Selenium	ND		1.69	0.120	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Silver	**0.0148**	**J B**	0.169	0.00196	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Thallium	ND		0.473	0.0285	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Vanadium	**9.88**		0.675	0.0848	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5
Zinc	**45.8**		1.69	1.40	mg/Kg	☼	12/22/25 09:27	12/22/25 14:54	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.107	0.0156	mg/Kg	☼	12/19/25 10:54	12/19/25 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.08	0.108	mg/Kg	☼	12/19/25 09:03	12/20/25 05:46	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.13	0.361	mg/Kg	☼		12/23/25 11:41	1

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6
Date Collected: 12/15/25 12:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0545	J	0.204	0.0450	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Benzene	ND		0.0102	0.00154	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Bromobenzene	ND		0.0102	0.00192	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Bromoform	ND		0.0102	0.00432	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Bromomethane	ND		0.0102	0.00401	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
2-Butanone (MEK)	ND		0.102	0.0113	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Carbon disulfide	ND		0.0204	0.00521	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Carbon tetrachloride	ND		0.0102	0.00193	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Chlorobenzene	ND		0.0102	0.00171	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Chlorobromomethane	ND		0.0102	0.00244	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Chlorodibromomethane	ND		0.0102	0.00162	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Chloroethane	ND		0.0204	0.00385	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Chloroform	ND		0.0102	0.00197	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Chloromethane	ND		0.0204	0.00301	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
2-Chlorotoluene	ND		0.0102	0.00220	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
4-Chlorotoluene	ND		0.0102	0.00222	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
cis-1,2-Dichloroethene	ND		0.0102	0.00244	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
cis-1,3-Dichloropropene	ND		0.0102	0.00238	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2-Dibromo-3-Chloropropane	ND		0.0102	0.00419	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Dibromomethane	ND		0.0102	0.00206	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2-Dichlorobenzene	ND		0.0102	0.00220	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,3-Dichlorobenzene	ND		0.0102	0.00162	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,4-Dichlorobenzene	ND		0.0102	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Dichlorobromomethane	ND		0.0102	0.00191	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1-Dichloroethane	ND		0.0102	0.00184	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2-Dichloroethane	ND		0.0102	0.00246	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1-Dichloroethene	ND		0.0102	0.00242	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2-Dichloropropane	ND		0.0102	0.00139	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,3-Dichloropropane	ND		0.0102	0.00234	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
2,2-Dichloropropane	ND		0.0102	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1-Dichloropropene	ND		0.0102	0.00208	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Ethyl acetate	ND		0.102	0.102	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Ethylbenzene	ND		0.0102	0.00218	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Ethylene Dibromide	ND		0.0102	0.00178	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Hexachlorobutadiene	ND		0.0102	0.00326	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Hexane	ND		0.0204	0.0204	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
2-Hexanone	ND		0.0204	0.0150	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Iodomethane	ND		0.0204	0.00389	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Isopropylbenzene	ND		0.0102	0.00299	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Isopropyl ether	ND		0.0204	0.0204	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
4-Isopropyltoluene	ND		0.0102	0.00692	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Methylene Chloride	ND		0.0407	0.0114	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.0204	0.00664	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Methyl tert-butyl ether	ND		0.0102	0.00356	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
m-Xylene & p-Xylene	ND		0.0204	0.00442	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Naphthalene	ND		0.0102	0.00784	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
n-Butylbenzene	ND		0.0102	0.00358	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
n-Heptane	ND		0.0204	0.0204	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
N-Propylbenzene	ND		0.0102	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6
Date Collected: 12/15/25 12:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0102	0.00269	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
sec-Butylbenzene	ND		0.0102	0.00232	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Styrene	ND		0.0102	0.00517	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
tert-Butylbenzene	ND		0.0102	0.00242	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1,1,2-Tetrachloroethane	ND		0.0102	0.00201	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1,2,2-Tetrachloroethane	ND		0.0102	0.00265	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Tetrachloroethene	ND		0.0102	0.00166	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Toluene	ND		0.0102	0.00200	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
trans-1,4-Dichloro-2-butene	ND		0.0204	0.0103	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
trans-1,2-Dichloroethene	ND		0.0102	0.00246	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
trans-1,3-Dichloropropene	ND		0.0102	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2,3-Trichlorobenzene	ND		0.0102	0.00531	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2,4-Trichlorobenzene	ND		0.0102	0.00409	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1,1-Trichloroethane	ND		0.0102	0.00293	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1,2-Trichloroethane	ND		0.0102	0.00183	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Trichloroethene	ND		0.0102	0.00141	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Trichlorofluoromethane	ND		0.0102	0.00385	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2,3-Trichloropropane	ND		0.0102	0.00273	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0204	0.00202	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,2,4-Trimethylbenzene	ND		0.0102	0.00238	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
1,3,5-Trimethylbenzene	ND		0.0102	0.00252	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Vinyl acetate	ND		0.0204	0.00676	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Vinyl chloride	ND		0.0204	0.00336	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1
Xylenes, Total	ND		0.0102	0.00269	mg/Kg	☼	12/26/25 14:13	12/26/25 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*	*12/26/25 14:13*	*12/26/25 19:48*	*1*
Dibromofluoromethane	*100*		*80 - 119*	*12/26/25 14:13*	*12/26/25 19:48*	*1*
Toluene-d8 (Surr)	*100*		*71 - 129*	*12/26/25 14:13*	*12/26/25 19:48*	*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		0.00298	0.00298	mg/Kg	☼	12/17/25 16:49	12/19/25 18:54	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*68*		*10 - 150*	*12/17/25 16:49*	*12/19/25 18:54*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.408	0.0119	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,4,5-Trichlorophenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,4,6-Trichlorophenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,4-Dichlorophenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,4-Dimethylphenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,4-Dinitrophenol	ND		1.23	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,4-Dinitrotoluene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2,6-Dinitrotoluene	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2-Chloronaphthalene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2-Chlorophenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2-Methylnaphthalene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2-Methylphenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6
Date Collected: 12/15/25 12:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
2-Nitrophenol	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
3 & 4 Methylphenol	ND		0.817	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
3,3'-Dichlorobenzidine	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
3-Nitroaniline	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4,6-Dinitro-2-methylphenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4-Bromophenyl phenyl ether	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4-Chloro-3-methylphenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4-Chloroaniline	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4-Chlorophenyl phenyl ether	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4-Nitroaniline	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
4-Nitrophenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Acenaphthene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Acenaphthylene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Acetophenone	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Anthracene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Atrazine	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Benzaldehyde	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Benzo[a]anthracene	**0.101**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Benzo[a]pyrene	**0.109**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Benzo[b]fluoranthene	**0.160**	**J**	0.408	0.00173	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Benzo[g,h,i]perylene	**0.0945**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Benzo[k]fluoranthene	**0.0500**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
bis (2-chloroisopropyl) ether	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Bis(2-chloroethoxy)methane	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Bis(2-chloroethyl)ether	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Bis(2-ethylhexyl) phthalate	ND		0.408	0.124	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Butyl benzyl phthalate	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Caprolactam	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Carbazole	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Chrysene	**0.116**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Dibenz(a,h)anthracene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Dibenzofuran	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Diethyl phthalate	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Dimethyl phthalate	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Di-n-butyl phthalate	ND		1.23	0.371	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Di-n-octyl phthalate	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Fluoranthene	**0.159**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Fluorene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Hexachlorobenzene	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Hexachlorobutadiene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Hexachlorocyclopentadiene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Hexachloroethane	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Indeno[1,2,3-cd]pyrene	**0.0839**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Isophorone	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Naphthalene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Nitrobenzene	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
N-Nitrosodi-n-propylamine	ND	*+	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
N-Nitrosodiphenylamine	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6
Date Collected: 12/15/25 12:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Phenanthrene	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Phenol	ND		0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1
Pyrene	**0.159**	**J**	0.408	0.0408	mg/Kg	☼	12/17/25 17:07	12/19/25 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*145*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 16:40*	*1*
2-Fluorobiphenyl (Surr)	*121*		*40 - 140*	*12/17/25 17:07*	*12/19/25 16:40*	*1*
2-Fluorophenol (Surr)	*136*		*40 - 140*	*12/17/25 17:07*	*12/19/25 16:40*	*1*
Nitrobenzene-d5 (Surr)	*129*		*40 - 140*	*12/17/25 17:07*	*12/19/25 16:40*	*1*
Phenol-d5 (Surr)	*130*		*40 - 140*	*12/17/25 17:07*	*12/19/25 16:40*	*1*
Terphenyl-d14 (Surr)	*147*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 16:40*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.66**	**J**	3.25	0.944	mg/Kg	☼		12/24/25 05:39	1
Sulfate	**28.9**		13.0	12.8	mg/Kg	☼		12/24/25 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.90**		0.848	0.194	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Arsenic	**1.63**		0.509	0.0454	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Barium	**22.1**	**B**	2.12	0.0120	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Beryllium	**0.257**	**J**	0.424	0.0297	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Cadmium	**0.119**	**J**	0.424	0.0138	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Chromium	**10.5**		0.848	0.175	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Cobalt	**6.25**		0.636	0.0240	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Copper	**18.3**	**B**	0.424	0.0441	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Lead	**38.3**		0.424	0.0500	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Manganese	**155**		0.848	0.0521	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Nickel	**20.8**	**B**	0.848	0.0222	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Selenium	**0.203**	**J**	2.12	0.150	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Silver	**0.0202**	**J B**	0.212	0.00246	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Thallium	**0.0371**	**J B**	0.593	0.0357	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Vanadium	**22.5**		0.848	0.106	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5
Zinc	**72.9**		2.12	1.76	mg/Kg	☼	12/22/25 09:27	12/22/25 14:57	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.120	0.0175	mg/Kg	☼	12/19/25 10:54	12/19/25 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.21	0.121	mg/Kg	☼	12/19/25 09:03	12/20/25 05:58	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.29	0.414	mg/Kg	☼		12/23/25 11:43	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-3
Lab Sample ID: 752-40323-7
Date Collected: 12/15/25 12:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0439	J	0.197	0.0434	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Benzene	ND		0.00983	0.00149	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Bromobenzene	ND		0.00983	0.00185	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Bromoform	ND		0.00983	0.00417	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Bromomethane	ND		0.00983	0.00387	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
2-Butanone (MEK)	ND		0.0983	0.0109	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Carbon disulfide	ND		0.0197	0.00503	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Carbon tetrachloride	ND		0.00983	0.00186	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Chlorobenzene	ND		0.00983	0.00165	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Chlorobromomethane	ND		0.00983	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Chlorodibromomethane	ND		0.00983	0.00156	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Chloroethane	ND		0.0197	0.00372	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Chloroform	ND		0.00983	0.00190	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Chloromethane	ND		0.0197	0.00291	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
2-Chlorotoluene	ND		0.00983	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
4-Chlorotoluene	ND		0.00983	0.00214	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
cis-1,2-Dichloroethene	ND		0.00983	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
cis-1,3-Dichloropropene	ND		0.00983	0.00230	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2-Dibromo-3-Chloropropane	ND		0.00983	0.00405	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Dibromomethane	ND		0.00983	0.00199	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2-Dichlorobenzene	ND		0.00983	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,3-Dichlorobenzene	ND		0.00983	0.00156	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,4-Dichlorobenzene	ND		0.00983	0.00228	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Dichlorobromomethane	ND		0.00983	0.00184	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1-Dichloroethane	ND		0.00983	0.00178	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2-Dichloroethane	ND		0.00983	0.00238	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1-Dichloroethene	ND		0.00983	0.00234	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2-Dichloropropane	ND		0.00983	0.00135	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,3-Dichloropropane	ND		0.00983	0.00226	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
2,2-Dichloropropane	ND		0.00983	0.00228	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1-Dichloropropene	ND		0.00983	0.00201	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Ethyl acetate	ND		0.0983	0.0983	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Ethylbenzene	ND		0.00983	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Ethylene Dibromide	ND		0.00983	0.00172	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Hexachlorobutadiene	ND		0.00983	0.00315	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Hexane	ND		0.0197	0.0197	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
2-Hexanone	ND		0.0197	0.0145	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Iodomethane	ND		0.0197	0.00375	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Isopropylbenzene	ND		0.00983	0.00289	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Isopropyl ether	ND		0.0197	0.0197	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
4-Isopropyltoluene	ND		0.00983	0.00668	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Methylene Chloride	ND		0.0393	0.0110	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
4-Methyl-2-pentanone (MIBK)	ND		0.0197	0.00641	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Methyl tert-butyl ether	ND		0.00983	0.00344	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
m-Xylene & p-Xylene	ND		0.0197	0.00427	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Naphthalene	ND		0.00983	0.00757	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
n-Butylbenzene	ND		0.00983	0.00346	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
n-Heptane	ND		0.0197	0.0197	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
N-Propylbenzene	ND		0.00983	0.00204	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1

Client Sample ID: 823-SED-3
Date Collected: 12/15/25 12:45
Date Received: 12/15/25 17:06

Lab Sample ID: 752-40323-7
Matrix: Solid
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00983	0.00259	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
sec-Butylbenzene	ND		0.00983	0.00224	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Styrene	ND		0.00983	0.00499	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
tert-Butylbenzene	ND		0.00983	0.00234	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1,1,2-Tetrachloroethane	ND		0.00983	0.00194	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1,2,2-Tetrachloroethane	ND		0.00983	0.00256	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Tetrachloroethene	ND		0.00983	0.00160	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Toluene	ND		0.00983	0.00193	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
trans-1,4-Dichloro-2-butene	ND		0.0197	0.00991	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
trans-1,2-Dichloroethene	ND		0.00983	0.00238	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
trans-1,3-Dichloropropene	ND		0.00983	0.00202	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2,3-Trichlorobenzene	ND		0.00983	0.00513	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2,4-Trichlorobenzene	ND		0.00983	0.00395	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1,1-Trichloroethane	ND		0.00983	0.00283	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1,2-Trichloroethane	ND		0.00983	0.00177	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Trichloroethene	ND		0.00983	0.00136	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Trichlorofluoromethane	ND		0.00983	0.00372	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2,3-Trichloropropane	ND		0.00983	0.00263	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0197	0.00195	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,2,4-Trimethylbenzene	ND		0.00983	0.00230	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
1,3,5-Trimethylbenzene	ND		0.00983	0.00244	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Vinyl acetate	ND		0.0197	0.00653	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Vinyl chloride	ND		0.0197	0.00324	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1
Xylenes, Total	ND		0.00983	0.00259	mg/Kg	☼	12/26/25 14:13	12/26/25 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*12/26/25 14:13*	*12/26/25 20:09*	*1*
Dibromofluoromethane	*104*		*80 - 119*	*12/26/25 14:13*	*12/26/25 20:09*	*1*
Toluene-d8 (Surr)	*100*		*71 - 129*	*12/26/25 14:13*	*12/26/25 20:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00287	0.00287	mg/Kg	☼	12/17/25 16:49	12/19/25 19:15	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*10 - 150*	*12/17/25 16:49*	*12/19/25 19:15*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.399	0.0116	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,4,5-Trichlorophenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,4,6-Trichlorophenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,4-Dichlorophenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,4-Dimethylphenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,4-Dinitrophenol	ND		1.20	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,4-Dinitrotoluene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2,6-Dinitrotoluene	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2-Chloronaphthalene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2-Chlorophenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2-Methylnaphthalene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2-Methylphenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1

Client Sample ID: 823-SED-3
Lab Sample ID: 752-40323-7
Date Collected: 12/15/25 12:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
2-Nitrophenol	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
3 & 4 Methylphenol	ND		0.799	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
3,3'-Dichlorobenzidine	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
3-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4,6-Dinitro-2-methylphenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4-Bromophenyl phenyl ether	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4-Chloro-3-methylphenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4-Chloroaniline	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4-Chlorophenyl phenyl ether	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4-Nitroaniline	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
4-Nitrophenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Acenaphthene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Acenaphthylene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Acetophenone	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Anthracene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Atrazine	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Benzaldehyde	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Benzo[a]anthracene	**0.0610**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Benzo[a]pyrene	**0.0780**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Benzo[b]fluoranthene	**0.127**	**J**	0.399	0.00169	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Benzo[g,h,i]perylene	**0.0626**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Benzo[k]fluoranthene	**0.0411**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
bis (2-chloroisopropyl) ether	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Bis(2-chloroethoxy)methane	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Bis(2-chloroethyl)ether	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Bis(2-ethylhexyl) phthalate	ND		0.399	0.121	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Butyl benzyl phthalate	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Caprolactam	**0.152**	**J *+**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Carbazole	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Chrysene	**0.116**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Dibenz(a,h)anthracene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Dibenzofuran	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Diethyl phthalate	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Dimethyl phthalate	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Di-n-butyl phthalate	ND		1.20	0.363	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Di-n-octyl phthalate	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Fluoranthene	**0.198**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Fluorene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Hexachlorobenzene	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Hexachlorobutadiene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Hexachlorocyclopentadiene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Hexachloroethane	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Indeno[1,2,3-cd]pyrene	**0.0497**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Isophorone	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Naphthalene	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Nitrobenzene	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
N-Nitrosodi-n-propylamine	ND	*+	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
N-Nitrosodiphenylamine	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1

Client Sample ID: 823-SED-3
Lab Sample ID: 752-40323-7

Date Collected: 12/15/25 12:45
Matrix: Solid

Date Received: 12/15/25 17:06
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Phenanthrene	**0.0862**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Phenol	ND		0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1
Pyrene	**0.186**	**J**	0.399	0.0399	mg/Kg	☼	12/17/25 17:07	12/19/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*139*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:10*	*1*
2-Fluorobiphenyl (Surr)	*119*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:10*	*1*
2-Fluorophenol (Surr)	*138*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:10*	*1*
Nitrobenzene-d5 (Surr)	*136*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:10*	*1*
Phenol-d5 (Surr)	*138*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:10*	*1*
Terphenyl-d14 (Surr)	*147*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 17:10*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.04	0.882	mg/Kg	☼		12/24/25 05:50	1
Sulfate	ND		12.2	11.9	mg/Kg	☼		12/24/25 05:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.195**	**J**	0.713	0.163	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Arsenic	**1.52**		0.428	0.0382	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Barium	**21.5**	**B**	1.78	0.0101	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Beryllium	**0.165**	**J**	0.357	0.0250	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Cadmium	**0.0667**	**J**	0.357	0.0116	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Chromium	**8.80**		0.713	0.147	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Cobalt	**6.22**		0.535	0.0202	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Copper	**53.3**	**B**	0.357	0.0371	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Lead	**15.3**		0.357	0.0421	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Manganese	**140**		0.713	0.0439	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Nickel	**22.8**	**B**	0.713	0.0187	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Selenium	ND		1.78	0.127	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Silver	**0.0153**	**J B**	0.178	0.00207	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Thallium	**0.0384**	**J B**	0.499	0.0301	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Vanadium	**26.3**		0.713	0.0895	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5
Zinc	**54.8**		1.78	1.48	mg/Kg	☼	12/22/25 09:27	12/22/25 15:00	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.122	0.0177	mg/Kg	☼	12/19/25 10:54	12/19/25 19:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.14	0.114	mg/Kg	☼	12/19/25 09:03	12/20/25 06:11	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.24	0.397	mg/Kg	☼		12/23/25 11:46	1

Client Sample ID: 823-SED-2
Lab Sample ID: 752-40323-8
Date Collected: 12/15/25 13:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 67.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0523**	**J**	0.181	0.0400	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Benzene	ND		0.00906	0.00137	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Bromobenzene	ND		0.00906	0.00171	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Bromoform	ND		0.00906	0.00384	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Bromomethane	ND		0.00906	0.00357	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
2-Butanone (MEK)	ND		0.0906	0.0101	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Carbon disulfide	ND		0.0181	0.00464	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Carbon tetrachloride	ND		0.00906	0.00172	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Chlorobenzene	ND		0.00906	0.00152	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Chlorobromomethane	ND		0.00906	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Chlorodibromomethane	ND		0.00906	0.00144	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Chloroethane	ND		0.0181	0.00342	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Chloroform	ND		0.00906	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Chloromethane	ND		0.0181	0.00268	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
2-Chlorotoluene	ND		0.00906	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
4-Chlorotoluene	ND		0.00906	0.00198	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
cis-1,2-Dichloroethene	ND		0.00906	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
cis-1,3-Dichloropropene	ND		0.00906	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2-Dibromo-3-Chloropropane	ND		0.00906	0.00373	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Dibromomethane	ND		0.00906	0.00183	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2-Dichlorobenzene	ND		0.00906	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,3-Dichlorobenzene	ND		0.00906	0.00144	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,4-Dichlorobenzene	ND		0.00906	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Dichlorobromomethane	ND		0.00906	0.00170	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1-Dichloroethane	ND		0.00906	0.00164	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2-Dichloroethane	ND		0.00906	0.00219	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1-Dichloroethene	ND		0.00906	0.00216	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2-Dichloropropane	ND		0.00906	0.00124	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,3-Dichloropropane	ND		0.00906	0.00208	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
2,2-Dichloropropane	ND		0.00906	0.00210	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1-Dichloropropene	ND		0.00906	0.00185	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Ethyl acetate	ND		0.0906	0.0906	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Ethylbenzene	ND		0.00906	0.00194	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Ethylene Dibromide	ND		0.00906	0.00158	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Hexachlorobutadiene	ND		0.00906	0.00290	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Hexane	ND		0.0181	0.0181	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
2-Hexanone	ND		0.0181	0.0134	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Iodomethane	**0.00726**	**J**	0.0181	0.00346	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Isopropylbenzene	ND		0.00906	0.00266	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Isopropyl ether	ND		0.0181	0.0181	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
4-Isopropyltoluene	ND		0.00906	0.00616	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Methylene Chloride	ND		0.0362	0.0102	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.0181	0.00591	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Methyl tert-butyl ether	ND		0.00906	0.00317	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
m-Xylene & p-Xylene	ND		0.0181	0.00393	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Naphthalene	ND		0.00906	0.00698	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
n-Butylbenzene	ND		0.00906	0.00319	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
n-Heptane	ND		0.0181	0.0181	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
N-Propylbenzene	ND		0.00906	0.00188	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1

Client Sample ID: 823-SED-2
Lab Sample ID: 752-40323-8
Date Collected: 12/15/25 13:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 67.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00906	0.00239	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
sec-Butylbenzene	ND		0.00906	0.00207	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Styrene	ND		0.00906	0.00460	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
tert-Butylbenzene	ND		0.00906	0.00216	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1,1,2-Tetrachloroethane	ND		0.00906	0.00179	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1,2,2-Tetrachloroethane	ND		0.00906	0.00236	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Tetrachloroethene	ND		0.00906	0.00147	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Toluene	ND		0.00906	0.00178	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
trans-1,4-Dichloro-2-butene	ND		0.0181	0.00913	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
trans-1,2-Dichloroethene	ND		0.00906	0.00219	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
trans-1,3-Dichloropropene	ND		0.00906	0.00187	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2,3-Trichlorobenzene	ND		0.00906	0.00473	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2,4-Trichlorobenzene	ND		0.00906	0.00364	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1,1-Trichloroethane	ND		0.00906	0.00261	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1,2-Trichloroethane	ND		0.00906	0.00163	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Trichloroethene	ND		0.00906	0.00126	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Trichlorofluoromethane	ND		0.00906	0.00342	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2,3-Trichloropropane	ND		0.00906	0.00243	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0181	0.00180	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,2,4-Trimethylbenzene	ND		0.00906	0.00212	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
1,3,5-Trimethylbenzene	ND		0.00906	0.00225	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Vinyl acetate	ND		0.0181	0.00602	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Vinyl chloride	ND		0.0181	0.00299	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1
Xylenes, Total	ND		0.00906	0.00239	mg/Kg	☼	12/26/25 14:13	12/26/25 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*12/26/25 14:13*	*12/26/25 20:30*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*12/26/25 14:13*	*12/26/25 20:30*	*1*
Toluene-d8 (Surr)	*96*		*71 - 129*	*12/26/25 14:13*	*12/26/25 20:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00353	0.00353	mg/Kg	☼	12/17/25 16:49	12/19/25 19:36	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*10 - 150*	*12/17/25 16:49*	*12/19/25 19:36*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.0142**	**J**	0.457	0.0133	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,4,5-Trichlorophenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,4,6-Trichlorophenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,4-Dichlorophenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,4-Dimethylphenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,4-Dinitrophenol	ND		1.37	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,4-Dinitrotoluene	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2,6-Dinitrotoluene	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2-Chloronaphthalene	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2-Chlorophenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2-Methylnaphthalene	**0.124**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2-Methylphenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1

Client Sample ID: 823-SED-2
Lab Sample ID: 752-40323-8
Date Collected: 12/15/25 13:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 67.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
2-Nitrophenol	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
3 & 4 Methylphenol	ND		0.915	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
3,3'-Dichlorobenzidine	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
3-Nitroaniline	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4,6-Dinitro-2-methylphenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4-Bromophenyl phenyl ether	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4-Chloro-3-methylphenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4-Chloroaniline	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4-Chlorophenyl phenyl ether	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4-Nitroaniline	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
4-Nitrophenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Acenaphthene	**0.146**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Acenaphthylene	**0.0682**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Acetophenone	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Anthracene	**0.367**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Atrazine	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Benzaldehyde	**0.104**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Benzo[a]anthracene	**1.57**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Benzo[a]pyrene	**1.34**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Benzo[b]fluoranthene	**2.01**		0.457	0.00194	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Benzo[g,h,i]perylene	**0.855**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Benzo[k]fluoranthene	**0.666**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
bis (2-chloroisopropyl) ether	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Bis(2-chloroethoxy)methane	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Bis(2-chloroethyl)ether	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Bis(2-ethylhexyl) phthalate	**0.470**		0.457	0.139	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Butyl benzyl phthalate	**0.627**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Caprolactam	**0.125**	**J *+**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Carbazole	**0.189**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Chrysene	**1.47**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Dibenz(a,h)anthracene	**0.209**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Dibenzofuran	**0.0765**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Diethyl phthalate	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Dimethyl phthalate	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Di-n-butyl phthalate	ND		1.37	0.416	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Di-n-octyl phthalate	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Fluoranthene	**3.64**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Fluorene	**0.128**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Hexachlorobenzene	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Hexachlorobutadiene	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Hexachlorocyclopentadiene	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Hexachloroethane	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Indeno[1,2,3-cd]pyrene	**0.924**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Isophorone	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Naphthalene	**0.106**	**J**	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Nitrobenzene	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
N-Nitrosodi-n-propylamine	ND	*+	0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
N-Nitrosodiphenylamine	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1

Client Sample ID: 823-SED-2
Lab Sample ID: 752-40323-8
Date Collected: 12/15/25 13:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 67.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Phenanthrene	**1.85**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Phenol	ND		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1
Pyrene	**2.84**		0.457	0.0457	mg/Kg	☼	12/17/25 17:07	12/19/25 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*123*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:40*	*1*
2-Fluorobiphenyl (Surr)	*119*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:40*	*1*
2-Fluorophenol (Surr)	*145*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 17:40*	*1*
Nitrobenzene-d5 (Surr)	*133*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:40*	*1*
Phenol-d5 (Surr)	*139*		*40 - 140*	*12/17/25 17:07*	*12/19/25 17:40*	*1*
Terphenyl-d14 (Surr)	*144*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 17:40*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.65	1.06	mg/Kg	☼		12/24/25 06:02	1
Sulfate	**38.7**		14.6	14.3	mg/Kg	☼		12/24/25 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.13	0.259	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Arsenic	**0.0857**	**J**	0.681	0.0607	mg/Kg	☼	12/22/25 09:27	12/23/25 14:19	5
Barium	**52.6**	**B**	2.84	0.0161	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Beryllium	**0.284**	**J**	0.567	0.0398	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Cadmium	**0.214**	**J**	0.567	0.0185	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Chromium	**12.6**		1.13	0.234	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Cobalt	**5.35**		0.851	0.0321	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Copper	**23.9**	**B**	0.567	0.0590	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Lead	**63.8**		0.567	0.0670	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Manganese	**213**		1.13	0.0698	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Nickel	**15.8**	**B**	1.13	0.0297	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Selenium	**0.385**	**J**	2.84	0.201	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Silver	**0.0539**	**J B**	0.284	0.00329	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Thallium	**0.0689**	**J B**	0.794	0.0478	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Vanadium	**19.4**		1.13	0.142	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5
Zinc	**122**		2.84	2.35	mg/Kg	☼	12/22/25 09:27	12/22/25 15:03	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0261**	**J**	0.137	0.0200	mg/Kg	☼	12/19/25 10:54	12/19/25 19:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.45	0.145	mg/Kg	☼	12/19/25 09:03	12/20/25 06:24	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	☼		12/23/25 11:49	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9
Date Collected: 12/15/25 13:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.211	0.0466	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Benzene	ND		0.0105	0.00159	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Bromobenzene	ND		0.0105	0.00199	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Bromoform	ND		0.0105	0.00447	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Bromomethane	ND		0.0105	0.00415	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
2-Butanone (MEK)	ND		0.105	0.0117	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Carbon disulfide	ND		0.0211	0.00540	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Carbon tetrachloride	ND		0.0105	0.00200	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Chlorobenzene	ND		0.0105	0.00177	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Chlorobromomethane	ND		0.0105	0.00253	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Chlorodibromomethane	ND		0.0105	0.00168	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Chloroethane	ND		0.0211	0.00398	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Chloroform	ND		0.0105	0.00204	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Chloromethane	ND		0.0211	0.00312	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
2-Chlorotoluene	ND		0.0105	0.00228	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
4-Chlorotoluene	ND		0.0105	0.00230	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
cis-1,2-Dichloroethene	ND		0.0105	0.00253	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
cis-1,3-Dichloropropene	ND		0.0105	0.00247	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2-Dibromo-3-Chloropropane	ND		0.0105	0.00434	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Dibromomethane	ND		0.0105	0.00213	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2-Dichlorobenzene	ND		0.0105	0.00228	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,3-Dichlorobenzene	ND		0.0105	0.00168	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,4-Dichlorobenzene	ND		0.0105	0.00245	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Dichlorobromomethane	ND		0.0105	0.00198	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1-Dichloroethane	ND		0.0105	0.00191	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2-Dichloroethane	ND		0.0105	0.00255	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1-Dichloroethene	ND		0.0105	0.00251	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2-Dichloropropane	ND		0.0105	0.00144	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,3-Dichloropropane	ND		0.0105	0.00242	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
2,2-Dichloropropane	ND		0.0105	0.00245	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1-Dichloropropene	ND		0.0105	0.00215	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Ethyl acetate	ND		0.105	0.105	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Ethylbenzene	ND		0.0105	0.00226	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Ethylene Dibromide	ND		0.0105	0.00184	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Hexachlorobutadiene	ND		0.0105	0.00337	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Hexane	ND		0.0211	0.0211	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
2-Hexanone	ND		0.0211	0.0155	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Iodomethane	ND		0.0211	0.00403	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Isopropylbenzene	ND		0.0105	0.00310	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Isopropyl ether	ND		0.0211	0.0211	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
4-Isopropyltoluene	ND		0.0105	0.00717	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Methylene Chloride	ND		0.0422	0.0118	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
4-Methyl-2-pentanone (MIBK)	ND		0.0211	0.00687	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Methyl tert-butyl ether	ND		0.0105	0.00369	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
m-Xylene & p-Xylene	ND		0.0211	0.00457	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Naphthalene	ND		0.0105	0.00812	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
n-Butylbenzene	ND		0.0105	0.00371	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
n-Heptane	ND		0.0211	0.0211	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
N-Propylbenzene	ND		0.0105	0.00219	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9
Date Collected: 12/15/25 13:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0105	0.00278	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
sec-Butylbenzene	ND		0.0105	0.00240	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Styrene	ND		0.0105	0.00535	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
tert-Butylbenzene	ND		0.0105	0.00251	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1,1,2-Tetrachloroethane	ND		0.0105	0.00208	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1,2,2-Tetrachloroethane	ND		0.0105	0.00274	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Tetrachloroethene	ND		0.0105	0.00172	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Toluene	ND		0.0105	0.00207	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
trans-1,4-Dichloro-2-butene	ND		0.0211	0.0106	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
trans-1,2-Dichloroethene	ND		0.0105	0.00255	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
trans-1,3-Dichloropropene	ND		0.0105	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2,3-Trichlorobenzene	ND		0.0105	0.00550	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2,4-Trichlorobenzene	ND		0.0105	0.00424	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1,1-Trichloroethane	ND		0.0105	0.00304	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1,2-Trichloroethane	ND		0.0105	0.00190	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Trichloroethene	ND		0.0105	0.00146	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Trichlorofluoromethane	ND		0.0105	0.00398	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2,3-Trichloropropane	ND		0.0105	0.00282	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0211	0.00209	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,2,4-Trimethylbenzene	ND		0.0105	0.00247	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
1,3,5-Trimethylbenzene	ND		0.0105	0.00261	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Vinyl acetate	ND		0.0211	0.00700	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Vinyl chloride	ND		0.0211	0.00348	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1
Xylenes, Total	ND		0.0105	0.00278	mg/Kg	☼	12/26/25 14:13	12/26/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*12/26/25 14:13*	*12/26/25 20:50*	*1*
Dibromofluoromethane	*108*		*80 - 119*	*12/26/25 14:13*	*12/26/25 20:50*	*1*
Toluene-d8 (Surr)	*99*		*71 - 129*	*12/26/25 14:13*	*12/26/25 20:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00290	0.00290	mg/Kg	☼	12/17/25 16:49	12/19/25 19:57	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*74*		*10 - 150*	*12/17/25 16:49*	*12/19/25 19:57*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.390	0.0114	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,4,5-Trichlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,4,6-Trichlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,4-Dichlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,4-Dimethylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,4-Dinitrophenol	ND		1.17	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,4-Dinitrotoluene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2,6-Dinitrotoluene	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2-Chloronaphthalene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2-Chlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2-Methylnaphthalene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2-Methylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9
Date Collected: 12/15/25 13:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
2-Nitrophenol	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
3 & 4 Methylphenol	ND		0.780	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
3,3'-Dichlorobenzidine	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
3-Nitroaniline	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4,6-Dinitro-2-methylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4-Bromophenyl phenyl ether	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4-Chloro-3-methylphenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4-Chloroaniline	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4-Chlorophenyl phenyl ether	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4-Nitroaniline	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
4-Nitrophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Acenaphthene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Acenaphthylene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Acetophenone	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Anthracene	**0.0395**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Atrazine	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Benzaldehyde	**0.0506**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Benzo[a]anthracene	**0.296**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Benzo[a]pyrene	**0.312**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Benzo[b]fluoranthene	**0.457**		0.390	0.00166	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Benzo[g,h,i]perylene	**0.227**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Benzo[k]fluoranthene	**0.158**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
bis (2-chloroisopropyl) ether	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Bis(2-chloroethoxy)methane	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Bis(2-chloroethyl)ether	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Bis(2-ethylhexyl) phthalate	ND		0.390	0.118	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Butyl benzyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Caprolactam	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Carbazole	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Chrysene	**0.340**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Dibenz(a,h)anthracene	**0.0498**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Dibenzofuran	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Diethyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Dimethyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Di-n-butyl phthalate	ND		1.17	0.355	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Di-n-octyl phthalate	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Fluoranthene	**0.709**		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Fluorene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Hexachlorobenzene	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Hexachlorobutadiene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Hexachlorocyclopentadiene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Hexachloroethane	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Indeno[1,2,3-cd]pyrene	**0.225**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Isophorone	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Naphthalene	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Nitrobenzene	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
N-Nitrosodi-n-propylamine	ND	*+	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
N-Nitrosodiphenylamine	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9
Date Collected: 12/15/25 13:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Phenanthrene	**0.276**	**J**	0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Phenol	ND		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1
Pyrene	**0.607**		0.390	0.0390	mg/Kg	☼	12/17/25 17:07	12/19/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*137*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:11*	*1*
2-Fluorobiphenyl (Surr)	*114*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:11*	*1*
2-Fluorophenol (Surr)	*126*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:11*	*1*
Nitrobenzene-d5 (Surr)	*133*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:11*	*1*
Phenol-d5 (Surr)	*134*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:11*	*1*
Terphenyl-d14 (Surr)	*144*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 18:11*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.08	0.894	mg/Kg	☼		12/24/25 06:47	1
Sulfate	**24.1**		12.3	12.1	mg/Kg	☼		12/24/25 06:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.834	0.191	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Arsenic	**1.75**		0.500	0.0446	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Barium	**30.1**	**B**	2.09	0.0118	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Beryllium	**0.269**	**J**	0.417	0.0292	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Cadmium	**0.163**	**J**	0.417	0.0136	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Chromium	**16.1**		0.834	0.172	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Cobalt	**5.38**		0.626	0.0236	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Copper	**16.9**	**B**	0.417	0.0434	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Lead	**39.8**		0.417	0.0492	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Manganese	**157**		0.834	0.0513	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Nickel	**16.7**	**B**	0.834	0.0218	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Selenium	**0.184**	**J**	2.09	0.148	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Silver	**0.0178**	**J B**	0.209	0.00242	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Thallium	**0.0424**	**J B**	0.584	0.0352	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Vanadium	**19.7**		0.834	0.105	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5
Zinc	**62.4**		2.09	1.73	mg/Kg	☼	12/22/25 09:27	12/22/25 15:06	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.118	0.0172	mg/Kg	☼	12/19/25 10:54	12/19/25 19:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.21	0.121	mg/Kg	☼	12/19/25 09:03	12/20/25 06:36	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.20	0.383	mg/Kg	☼		12/23/25 11:51	1

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10
Date Collected: 12/15/25 00:00
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.164	0.0363	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Benzene	ND		0.00822	0.00124	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Bromobenzene	ND		0.00822	0.00155	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Bromoform	ND		0.00822	0.00348	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Bromomethane	ND		0.00822	0.00324	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
2-Butanone (MEK)	ND		0.0822	0.00914	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Carbon disulfide	ND		0.0164	0.00421	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Carbon tetrachloride	ND		0.00822	0.00156	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Chlorobenzene	ND		0.00822	0.00138	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Chlorobromomethane	ND		0.00822	0.00197	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Chlorodibromomethane	ND		0.00822	0.00131	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Chloroethane	ND		0.0164	0.00311	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Chloroform	ND		0.00822	0.00159	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Chloromethane	ND		0.0164	0.00243	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
2-Chlorotoluene	ND		0.00822	0.00178	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
4-Chlorotoluene	ND		0.00822	0.00179	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
cis-1,2-Dichloroethene	ND		0.00822	0.00197	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
cis-1,3-Dichloropropene	ND		0.00822	0.00192	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2-Dibromo-3-Chloropropane	ND		0.00822	0.00339	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Dibromomethane	ND		0.00822	0.00166	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2-Dichlorobenzene	ND		0.00822	0.00178	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,3-Dichlorobenzene	ND		0.00822	0.00131	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,4-Dichlorobenzene	ND		0.00822	0.00191	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Dichlorobromomethane	ND		0.00822	0.00154	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1-Dichloroethane	ND		0.00822	0.00149	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2-Dichloroethane	ND		0.00822	0.00199	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1-Dichloroethene	ND		0.00822	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2-Dichloropropane	ND		0.00822	0.00113	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,3-Dichloropropane	ND		0.00822	0.00189	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
2,2-Dichloropropane	ND		0.00822	0.00191	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1-Dichloropropene	ND		0.00822	0.00168	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Ethyl acetate	ND		0.0822	0.0822	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Ethylbenzene	ND		0.00822	0.00176	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Ethylene Dibromide	ND		0.00822	0.00143	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Hexachlorobutadiene	ND		0.00822	0.00263	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Hexane	ND		0.0164	0.0164	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
2-Hexanone	ND		0.0164	0.0121	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Iodomethane	**0.00669**	**J**	0.0164	0.00314	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Isopropylbenzene	ND		0.00822	0.00242	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Isopropyl ether	ND		0.0164	0.0164	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
4-Isopropyltoluene	ND		0.00822	0.00559	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Methylene Chloride	**0.0123**	**J**	0.0329	0.00924	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.0164	0.00536	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Methyl tert-butyl ether	ND		0.00822	0.00288	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
m-Xylene & p-Xylene	ND		0.0164	0.00357	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Naphthalene	ND		0.00822	0.00633	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
n-Butylbenzene	ND		0.00822	0.00289	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
n-Heptane	ND		0.0164	0.0164	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
N-Propylbenzene	ND		0.00822	0.00171	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10
Date Collected: 12/15/25 00:00
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00822	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
sec-Butylbenzene	ND		0.00822	0.00187	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Styrene	ND		0.00822	0.00417	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
tert-Butylbenzene	ND		0.00822	0.00196	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1,1,2-Tetrachloroethane	ND		0.00822	0.00163	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1,2,2-Tetrachloroethane	ND		0.00822	0.00214	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Tetrachloroethene	ND		0.00822	0.00134	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Toluene	ND		0.00822	0.00161	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
trans-1,4-Dichloro-2-butene	ND		0.0164	0.00828	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
trans-1,2-Dichloroethene	ND		0.00822	0.00199	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
trans-1,3-Dichloropropene	ND		0.00822	0.00169	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2,3-Trichlorobenzene	ND		0.00822	0.00429	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2,4-Trichlorobenzene	ND		0.00822	0.00330	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1,1-Trichloroethane	ND		0.00822	0.00237	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1,2-Trichloroethane	ND		0.00822	0.00148	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Trichloroethene	ND		0.00822	0.00114	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Trichlorofluoromethane	ND		0.00822	0.00311	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2,3-Trichloropropane	ND		0.00822	0.00220	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0164	0.00163	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,2,4-Trimethylbenzene	ND		0.00822	0.00192	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
1,3,5-Trimethylbenzene	ND		0.00822	0.00204	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Vinyl acetate	ND		0.0164	0.00546	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Vinyl chloride	ND		0.0164	0.00271	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1
Xylenes, Total	ND		0.00822	0.00217	mg/Kg	☼	12/26/25 14:13	12/26/25 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 127*	*12/26/25 14:13*	*12/26/25 21:11*	*1*
Dibromofluoromethane	*109*		*80 - 119*	*12/26/25 14:13*	*12/26/25 21:11*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*12/26/25 14:13*	*12/26/25 21:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00251	0.00251	mg/Kg	☼	12/17/25 16:49	12/19/25 20:18	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*73*		*10 - 150*	*12/17/25 16:49*	*12/19/25 20:18*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.356	0.0104	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,4,5-Trichlorophenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,4,6-Trichlorophenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,4-Dichlorophenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,4-Dimethylphenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,4-Dinitrophenol	ND		1.07	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,4-Dinitrotoluene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2,6-Dinitrotoluene	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2-Chloronaphthalene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2-Chlorophenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2-Methylnaphthalene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2-Methylphenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10
Date Collected: 12/15/25 00:00
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
2-Nitrophenol	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
3 & 4 Methylphenol	ND		0.712	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
3,3'-Dichlorobenzidine	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
3-Nitroaniline	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4,6-Dinitro-2-methylphenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4-Bromophenyl phenyl ether	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4-Chloro-3-methylphenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4-Chloroaniline	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4-Chlorophenyl phenyl ether	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4-Nitroaniline	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
4-Nitrophenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Acenaphthene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Acenaphthylene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Acetophenone	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Anthracene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Atrazine	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Benzaldehyde	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Benzo[a]anthracene	**0.0640**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Benzo[a]pyrene	**0.0614**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Benzo[b]fluoranthene	**0.0933**	**J**	0.356	0.00151	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Benzo[g,h,i]perylene	**0.0448**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Benzo[k]fluoranthene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
bis (2-chloroisopropyl) ether	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Bis(2-chloroethoxy)methane	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Bis(2-chloroethyl)ether	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Bis(2-ethylhexyl) phthalate	ND		0.356	0.108	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Butyl benzyl phthalate	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Caprolactam	**0.130**	**J *+**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Carbazole	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Chrysene	**0.0729**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Dibenz(a,h)anthracene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Dibenzofuran	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Diethyl phthalate	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Dimethyl phthalate	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Di-n-butyl phthalate	ND		1.07	0.323	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Di-n-octyl phthalate	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Fluoranthene	**0.197**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Fluorene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Hexachlorobenzene	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Hexachlorobutadiene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Hexachlorocyclopentadiene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Hexachloroethane	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Indeno[1,2,3-cd]pyrene	**0.0362**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Isophorone	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Naphthalene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Nitrobenzene	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
N-Nitrosodi-n-propylamine	ND	*+	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
N-Nitrosodiphenylamine	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10

Date Collected: 12/15/25 00:00
Matrix: Solid

Date Received: 12/15/25 17:06
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Phenanthrene	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Phenol	ND		0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1
Pyrene	**0.167**	**J**	0.356	0.0356	mg/Kg	☼	12/17/25 17:07	12/19/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*132*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:41*	*1*
2-Fluorobiphenyl (Surr)	*128*		*40 - 140*	*12/17/25 17:07*	*12/19/25 18:41*	*1*
2-Fluorophenol (Surr)	*145*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 18:41*	*1*
Nitrobenzene-d5 (Surr)	*144*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 18:41*	*1*
Phenol-d5 (Surr)	*141*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 18:41*	*1*
Terphenyl-d14 (Surr)	*155*	*S1+*	*40 - 140*	*12/17/25 17:07*	*12/19/25 18:41*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.66	0.770	mg/Kg	☼		12/24/25 06:58	1
Sulfate	**21.6**		10.6	10.4	mg/Kg	☼		12/24/25 06:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.249**	**J**	0.710	0.162	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Arsenic	**2.60**		0.426	0.0380	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Barium	**26.0**	**B**	1.78	0.0100	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Beryllium	**0.314**	**J**	0.355	0.0249	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Cadmium	**0.161**	**J**	0.355	0.0116	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Chromium	**43.9**		0.710	0.146	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Cobalt	**6.16**		0.533	0.0201	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Copper	**21.7**	**B**	0.355	0.0369	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Lead	**18.3**		0.355	0.0419	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Manganese	**123**		0.710	0.0437	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Nickel	**18.5**	**B**	0.710	0.0186	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Selenium	**0.438**	**J**	1.78	0.126	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Silver	**0.0199**	**J B**	0.178	0.00206	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Thallium	ND		0.497	0.0299	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Vanadium	**22.3**		0.710	0.0891	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5
Zinc	**50.8**		1.78	1.47	mg/Kg	☼	12/22/25 09:27	12/22/25 15:10	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.106	0.0155	mg/Kg	☼	12/19/25 10:54	12/19/25 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**7.12**		1.07	0.107	mg/Kg	☼	12/19/25 09:03	12/20/25 06:49	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.06	0.338	mg/Kg	☼		12/23/25 12:06	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-40323-11
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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			12/29/25 12:01	1
Benzene	ND		1.00	0.200	ug/L			12/26/25 21:10	1
Bromobenzene	ND		1.00	0.222	ug/L			12/26/25 21:10	1
Bromoform	ND		1.00	0.458	ug/L			12/26/25 21:10	1
Bromomethane	ND		1.00	0.470	ug/L			12/26/25 21:10	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/26/25 21:10	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/26/25 21:10	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/26/25 21:10	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/26/25 21:10	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/26/25 21:10	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/26/25 21:10	1
Chloroethane	ND		1.00	0.374	ug/L			12/26/25 21:10	1
Chloroform	ND		1.00	0.216	ug/L			12/26/25 21:10	1
Chloromethane	ND		1.00	0.371	ug/L			12/26/25 21:10	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/26/25 21:10	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/26/25 21:10	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/26/25 21:10	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/26/25 21:10	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/26/25 21:10	1
Dibromomethane	ND		1.00	0.318	ug/L			12/26/25 21:10	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 21:10	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/26/25 21:10	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 21:10	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/26/25 21:10	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/26/25 21:10	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/26/25 21:10	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/26/25 21:10	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/26/25 21:10	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/26/25 21:10	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/26/25 21:10	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/26/25 21:10	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/26/25 21:10	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/26/25 21:10	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/26/25 21:10	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/26/25 21:10	1
Hexane	ND		10.0	3.63	ug/L			12/26/25 21:10	1
2-Hexanone	ND		10.0	3.47	ug/L			12/26/25 21:10	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 21:10	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/26/25 21:10	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			12/26/25 21:10	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/29/25 12:01	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/26/25 21:10	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/26/25 21:10	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/26/25 21:10	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/26/25 21:10	1
Naphthalene	ND		2.00	1.56	ug/L			12/26/25 21:10	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/26/25 21:10	1
n-Heptane	ND		10.0	3.05	ug/L			12/26/25 21:10	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/26/25 21:10	1

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-40323-11
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

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			12/26/25 21:10	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/26/25 21:10	1
Styrene	ND		1.00	0.194	ug/L			12/26/25 21:10	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/26/25 21:10	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/26/25 21:10	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/26/25 21:10	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/26/25 21:10	1
Toluene	ND		1.00	0.197	ug/L			12/26/25 21:10	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/26/25 21:10	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/26/25 21:10	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/26/25 21:10	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/26/25 21:10	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/26/25 21:10	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/26/25 21:10	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/26/25 21:10	1
Trichloroethene	ND		1.00	0.211	ug/L			12/26/25 21:10	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/26/25 21:10	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/26/25 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/26/25 21:10	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/26/25 21:10	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/26/25 21:10	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/26/25 21:10	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/26/25 21:10	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/26/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*12/26/25 21:10*	*1*
4-Bromofluorobenzene	*104*		*70 - 126*		*12/29/25 12:01*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*12/26/25 21:10*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*12/29/25 12:01*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*12/26/25 21:10*	*1*
Toluene-d8 (Surr)	*96*		*79 - 119*		*12/29/25 12:01*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

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)
752-40323-1	823-SED-9	95	106	100
752-40323-2	823-SED-8	94	104	98
752-40323-3	823-SED-7	100	107	101
752-40323-4	823-SED-6	95	105	101
752-40323-5	823-SED-5	98	106	99
752-40323-6	823-SED-4	97	100	100
752-40323-7	823-SED-3	93	104	100
752-40323-8	823-SED-2	93	103	96
752-40323-9	823-SED-1	94	108	99
752-40323-10	823-Dup-SED	99	109	101
LCS 705-104269/1001	Lab Control Sample	99	99	101
LCS 705-104269/1003	Lab Control Sample	95	103	96
LCSD 705-104269/2	Lab Control Sample Dup	97	99	100
LCSD 705-104269/6	Lab Control Sample Dup	93	97	98
MB 705-104269/5	Method Blank	98	101	97

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)
752-40323-11	Trip Blank	93	102	99
752-40323-11	Trip Blank	104	109	96
LCS 705-104245/1001	Lab Control Sample	89	100	97
LCS 705-104245/1002	Lab Control Sample	104	99	103
LCS 705-104634/1003	Lab Control Sample	99	98	98
MB 705-104245/5	Method Blank	91	103	101
MB 705-104634/5	Method Blank	102	107	97

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-40323-1	823-SED-9	155 S1+	119	130	134	132	127
752-40323-1 MS	823-SED-9	175 S1+	117	126	130	127	127
752-40323-1 MSD	823-SED-9	159 S1+	114	131	128	123	123
752-40323-2	823-SED-8	131	114	135	128	121	140
752-40323-2 MS	823-SED-8	145 S1+	121	134	134	94	136

Surrogate Summary

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

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

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)
752-40323-2 MSD	823-SED-8	163 S1+	134	150 S1+	151 S1+	141 S1+	152 S1+
752-40323-3	823-SED-7	172 S1+	119	146 S1+	137	144 S1+	149 S1+
752-40323-4	823-SED-6	143 S1+	121	140	133	135	147 S1+
752-40323-5	823-SED-5	158 S1+	118	142 S1+	137	141 S1+	141 S1+
752-40323-6	823-SED-4	145 S1+	121	136	129	130	147 S1+
752-40323-7	823-SED-3	139	119	138	136	138	147 S1+
752-40323-8	823-SED-2	123	119	145 S1+	133	139	144 S1+
752-40323-9	823-SED-1	137	114	126	133	134	144 S1+
752-40323-10	823-Dup-SED	132	128	145 S1+	144 S1+	141 S1+	155 S1+
LCS 400-734122/2-A	Lab Control Sample	177 S1+	121	139	133	134	129
LCS 400-734141/2-A	Lab Control Sample	153 S1+	131	144 S1+	142 S1+	118	139
MB 400-734122/1-A	Method Blank	155 S1+	115	133	128	131	126
MB 400-734141/1-A	Method Blank	148 S1+	125	137	131	122	140

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
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

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)						
752-40323-1	823-SED-9	74						
752-40323-1 MS	823-SED-9	71						
752-40323-1 MSD	823-SED-9	70						
752-40323-2	823-SED-8	69						
752-40323-3	823-SED-7	68						
752-40323-4	823-SED-6	64						
752-40323-5	823-SED-5	75						
752-40323-6	823-SED-4	68						
752-40323-7	823-SED-3	63						
752-40323-8	823-SED-2	63						
752-40323-9	823-SED-1	74						
752-40323-10	823-Dup-SED	73						
LCS 400-734139/2-A	Lab Control Sample	78						
MB 400-734139/1-A	Method Blank	73						

Surrogate Legend

DXE = 1,4-Dioxane-d8

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

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

Lab Sample ID: MB 705-104245/5
Matrix: Water
Analysis Batch: 104245

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			12/26/25 14:41	1
Benzene	ND		1.00	0.200	ug/L			12/26/25 14:41	1
Bromobenzene	ND		1.00	0.222	ug/L			12/26/25 14:41	1
Bromoform	ND		1.00	0.458	ug/L			12/26/25 14:41	1
Bromomethane	ND		1.00	0.470	ug/L			12/26/25 14:41	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/26/25 14:41	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/26/25 14:41	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/26/25 14:41	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/26/25 14:41	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/26/25 14:41	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/26/25 14:41	1
Chloroethane	ND		1.00	0.374	ug/L			12/26/25 14:41	1
Chloroform	ND		1.00	0.216	ug/L			12/26/25 14:41	1
Chloromethane	ND		1.00	0.371	ug/L			12/26/25 14:41	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/26/25 14:41	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/26/25 14:41	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/26/25 14:41	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/26/25 14:41	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/26/25 14:41	1
Dibromomethane	ND		1.00	0.318	ug/L			12/26/25 14:41	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 14:41	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/26/25 14:41	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/26/25 14:41	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/26/25 14:41	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/26/25 14:41	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/26/25 14:41	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/26/25 14:41	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/26/25 14:41	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/26/25 14:41	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/26/25 14:41	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/26/25 14:41	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/26/25 14:41	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/26/25 14:41	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/26/25 14:41	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/26/25 14:41	1
Hexane	ND		10.0	3.63	ug/L			12/26/25 14:41	1
2-Hexanone	ND		10.0	3.47	ug/L			12/26/25 14:41	1
Iodomethane	ND		2.00	0.403	ug/L			12/26/25 14:41	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/26/25 14:41	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/26/25 14:41	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/26/25 14:41	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/26/25 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/26/25 14:41	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/26/25 14:41	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/26/25 14:41	1
Naphthalene	ND		2.00	1.56	ug/L			12/26/25 14:41	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/26/25 14:41	1
n-Heptane	ND		10.0	3.05	ug/L			12/26/25 14:41	1

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

Lab Sample ID: MB 705-104245/5
Matrix: Water
Analysis Batch: 104245

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			12/26/25 14:41	1
o-Xylene	ND		1.00	0.270	ug/L			12/26/25 14:41	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/26/25 14:41	1
Styrene	ND		1.00	0.194	ug/L			12/26/25 14:41	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/26/25 14:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/26/25 14:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/26/25 14:41	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/26/25 14:41	1
Toluene	ND		1.00	0.197	ug/L			12/26/25 14:41	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/26/25 14:41	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/26/25 14:41	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/26/25 14:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/26/25 14:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/26/25 14:41	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/26/25 14:41	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/26/25 14:41	1
Trichloroethene	ND		1.00	0.211	ug/L			12/26/25 14:41	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/26/25 14:41	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/26/25 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/26/25 14:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/26/25 14:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/26/25 14:41	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/26/25 14:41	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/26/25 14:41	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/26/25 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*12/26/25 14:41*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*12/26/25 14:41*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*12/26/25 14:41*	*1*

Lab Sample ID: LCS 705-104245/1001
Matrix: Water
Analysis Batch: 104245

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	32.62		ug/L		82	25 - 150		
Isopropyl ether			20.0	15.24	*-	ug/L		76	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*70 - 126*
Dibromofluoromethane	*100*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

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

Lab Sample ID: LCS 705-104245/1002
Matrix: Water
Analysis Batch: 104245

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	41.45		ug/L		104	62 - 136
Benzene	20.0	18.43		ug/L		92	76 - 122
Bromobenzene	20.0	17.98		ug/L		90	77 - 125
Bromoform	20.0	19.76		ug/L		99	65 - 129
Bromomethane	20.0	20.89		ug/L		104	60 - 138
2-Butanone (MEK)	40.0	39.00		ug/L		98	74 - 131
Carbon disulfide	20.0	18.79		ug/L		94	71 - 122
Carbon tetrachloride	20.0	19.30		ug/L		97	72 - 131
Chlorobenzene	20.0	19.10		ug/L		96	75 - 121
Chlorobromomethane	20.0	19.26		ug/L		96	77 - 120
Chlorodibromomethane	20.0	19.08		ug/L		95	70 - 131
Chloroethane	20.0	26.82		ug/L		134	55 - 138
Chloroform	20.0	19.21		ug/L		96	73 - 121
Chloromethane	20.0	22.48		ug/L		112	57 - 129
2-Chlorotoluene	20.0	18.54		ug/L		93	75 - 123
4-Chlorotoluene	20.0	19.45		ug/L		97	76 - 124
cis-1,2-Dichloroethene	20.0	18.60		ug/L		93	76 - 121
cis-1,3-Dichloropropene	20.0	18.72		ug/L		94	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.24		ug/L		86	64 - 125
Dibromomethane	20.0	18.61		ug/L		93	70 - 130
1,2-Dichlorobenzene	20.0	18.99		ug/L		95	69 - 127
1,3-Dichlorobenzene	20.0	18.85		ug/L		94	68 - 128
1,4-Dichlorobenzene	20.0	18.39		ug/L		92	68 - 126
Dichlorobromomethane	20.0	19.25		ug/L		96	70 - 124
1,1-Dichloroethane	20.0	18.98		ug/L		95	65 - 126
1,2-Dichloroethane	20.0	18.77		ug/L		94	72 - 127
1,1-Dichloroethene	20.0	18.50		ug/L		92	69 - 130
1,2-Dichloropropane	20.0	18.78		ug/L		94	71 - 121
1,3-Dichloropropane	20.0	19.32		ug/L		97	76 - 125
2,2-Dichloropropane	20.0	20.14		ug/L		101	71 - 131
1,1-Dichloropropene	20.0	18.43		ug/L		92	74 - 129
Ethylbenzene	20.0	18.29		ug/L		91	75 - 127
Ethylene Dibromide	20.0	19.78		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	17.92		ug/L		90	65 - 137
Hexane	20.0	18.99		ug/L		95	25 - 150
2-Hexanone	40.0	40.82		ug/L		102	70 - 130
Iodomethane	20.0	18.22		ug/L		91	50 - 150
Isopropylbenzene	20.0	17.97		ug/L		90	76 - 125
4-Isopropyltoluene	20.0	18.85		ug/L		94	78 - 126
Methylene Chloride	20.0	18.46		ug/L		92	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.89		ug/L		105	76 - 122
Methyl tert-butyl ether	20.0	18.70		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	18.09		ug/L		90	76 - 128
Naphthalene	20.0	16.61		ug/L		83	67 - 129
n-Butylbenzene	20.0	18.46		ug/L		92	71 - 131
n-Heptane	20.0	20.19		ug/L		101	25 - 150
N-Propylbenzene	20.0	18.44		ug/L		92	75 - 127
o-Xylene	20.0	18.33		ug/L		92	78 - 124

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

Lab Sample ID: LCS 705-104245/1002
Matrix: Water
Analysis Batch: 104245

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	19.00		ug/L		95	74 - 127
Styrene	20.0	19.94		ug/L		100	71 - 129
tert-Butylbenzene	20.0	18.45		ug/L		92	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.60		ug/L		98	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.62		ug/L		93	73 - 127
Tetrachloroethene	20.0	19.99		ug/L		100	74 - 129
Toluene	20.0	18.65		ug/L		93	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.94		ug/L		85	50 - 150
trans-1,2-Dichloroethene	20.0	18.92		ug/L		95	74 - 124
trans-1,3-Dichloropropene	20.0	18.07		ug/L		90	59 - 135
1,2,3-Trichlorobenzene	20.0	17.59		ug/L		88	65 - 130
1,2,4-Trichlorobenzene	20.0	16.89		ug/L		84	65 - 131
1,1,1-Trichloroethane	20.0	19.05		ug/L		95	71 - 124
1,1,2-Trichloroethane	20.0	19.81		ug/L		99	69 - 127
Trichloroethene	20.0	18.81		ug/L		94	72 - 129
Trichlorofluoromethane	20.0	21.67		ug/L		108	63 - 142
1,2,3-Trichloropropane	20.0	19.33		ug/L		97	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.15		ug/L		101	74 - 122
1,2,4-Trimethylbenzene	20.0	18.96		ug/L		95	80 - 123
1,3,5-Trimethylbenzene	20.0	18.88		ug/L		94	79 - 124
Vinyl acetate	40.0	35.58		ug/L		89	50 - 150
Vinyl chloride	20.0	22.17		ug/L		111	65 - 132
Xylenes, Total	40.0	36.42		ug/L		91	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*103*		*79 - 119*

Lab Sample ID: MB 705-104269/5
Matrix: Solid
Analysis Batch: 104269

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			12/26/25 15:55	1
Benzene	ND		0.00500	0.000756	mg/Kg			12/26/25 15:55	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			12/26/25 15:55	1
Bromoform	ND		0.00500	0.00212	mg/Kg			12/26/25 15:55	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			12/26/25 15:55	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			12/26/25 15:55	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			12/26/25 15:55	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			12/26/25 15:55	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			12/26/25 15:55	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			12/26/25 15:55	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			12/26/25 15:55	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			12/26/25 15:55	1
Chloroform	ND		0.00500	0.000969	mg/Kg			12/26/25 15:55	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			12/26/25 15:55	1

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

Lab Sample ID: MB 705-104269/5
Matrix: Solid
Analysis Batch: 104269

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		0.00500	0.00108	mg/Kg			12/26/25 15:55	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			12/26/25 15:55	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			12/26/25 15:55	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			12/26/25 15:55	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			12/26/25 15:55	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			12/26/25 15:55	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			12/26/25 15:55	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			12/26/25 15:55	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			12/26/25 15:55	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			12/26/25 15:55	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			12/26/25 15:55	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			12/26/25 15:55	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			12/26/25 15:55	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			12/26/25 15:55	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			12/26/25 15:55	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			12/26/25 15:55	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			12/26/25 15:55	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			12/26/25 15:55	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			12/26/25 15:55	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			12/26/25 15:55	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			12/26/25 15:55	1
Hexane	ND		0.0100	0.0100	mg/Kg			12/26/25 15:55	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			12/26/25 15:55	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			12/26/25 15:55	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			12/26/25 15:55	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			12/26/25 15:55	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			12/26/25 15:55	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			12/26/25 15:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			12/26/25 15:55	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			12/26/25 15:55	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			12/26/25 15:55	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			12/26/25 15:55	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			12/26/25 15:55	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			12/26/25 15:55	1
N-Propylbenzene	ND		0.00500	0.00104	mg/Kg			12/26/25 15:55	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			12/26/25 15:55	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			12/26/25 15:55	1
Styrene	ND		0.00500	0.00254	mg/Kg			12/26/25 15:55	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			12/26/25 15:55	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			12/26/25 15:55	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			12/26/25 15:55	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			12/26/25 15:55	1
Toluene	ND		0.00500	0.000982	mg/Kg			12/26/25 15:55	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			12/26/25 15:55	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			12/26/25 15:55	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			12/26/25 15:55	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			12/26/25 15:55	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			12/26/25 15:55	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			12/26/25 15:55	1

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

Lab Sample ID: MB 705-104269/5
Matrix: Solid
Analysis Batch: 104269

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		0.00500	0.000900	mg/Kg			12/26/25 15:55	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			12/26/25 15:55	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			12/26/25 15:55	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			12/26/25 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			12/26/25 15:55	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			12/26/25 15:55	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			12/26/25 15:55	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			12/26/25 15:55	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			12/26/25 15:55	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			12/26/25 15:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 127*		*12/26/25 15:55*	*1*
Dibromofluoromethane	*101*		*80 - 119*		*12/26/25 15:55*	*1*
Toluene-d8 (Surr)	*97*		*71 - 129*		*12/26/25 15:55*	*1*

Lab Sample ID: LCS 705-104269/1001
Matrix: Solid
Analysis Batch: 104269

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	0.08067	J	mg/Kg		81	70 - 131
Benzene	0.0500	0.04928		mg/Kg		99	79 - 120
Bromobenzene	0.0500	0.04606		mg/Kg		92	75 - 118
Bromoform	0.0500	0.04753		mg/Kg		95	71 - 136
Bromomethane	0.0500	0.04017		mg/Kg		80	62 - 134
2-Butanone (MEK)	0.100	0.09016		mg/Kg		90	73 - 134
Carbon disulfide	0.0500	0.04844		mg/Kg		97	80 - 127
Carbon tetrachloride	0.0500	0.05245		mg/Kg		105	72 - 132
Chlorobenzene	0.0500	0.04494		mg/Kg		90	80 - 120
Chlorobromomethane	0.0500	0.04701		mg/Kg		94	79 - 122
Chlorodibromomethane	0.0500	0.05011		mg/Kg		100	81 - 123
Chloroethane	0.0500	0.04299		mg/Kg		86	66 - 130
Chloroform	0.0500	0.04554		mg/Kg		91	74 - 120
Chloromethane	0.0500	0.04070		mg/Kg		81	64 - 131
2-Chlorotoluene	0.0500	0.04749		mg/Kg		95	74 - 122
4-Chlorotoluene	0.0500	0.04327		mg/Kg		87	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04828		mg/Kg		97	78 - 122
cis-1,3-Dichloropropene	0.0500	0.05254		mg/Kg		105	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.04548		mg/Kg		91	68 - 125
Dibromomethane	0.0500	0.04387		mg/Kg		88	82 - 119
1,2-Dichlorobenzene	0.0500	0.04688		mg/Kg		94	80 - 120
1,3-Dichlorobenzene	0.0500	0.04618		mg/Kg		92	78 - 120
1,4-Dichlorobenzene	0.0500	0.04552		mg/Kg		91	79 - 120
Dichlorobromomethane	0.0500	0.05001		mg/Kg		100	80 - 122
1,1-Dichloroethane	0.0500	0.04527		mg/Kg		91	72 - 123
1,2-Dichloroethane	0.0500	0.04832		mg/Kg		97	73 - 123
1,1-Dichloroethene	0.0500	0.04605		mg/Kg		92	74 - 126

Client: S&ME Inc
Project/Site: East End Park, Durham, NC

Job ID: 752-40323-1

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

Lab Sample ID: LCS 705-104269/1001
Matrix: Solid
Analysis Batch: 104269

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	0.0500	0.04984		mg/Kg		100	78 - 122
1,3-Dichloropropane	0.0500	0.04695		mg/Kg		94	82 - 120
2,2-Dichloropropane	0.0500	0.04722		mg/Kg		94	70 - 132
1,1-Dichloropropene	0.0500	0.05353		mg/Kg		107	74 - 126
Ethylbenzene	0.0500	0.04584		mg/Kg		92	80 - 121
Ethylene Dibromide	0.0500	0.04742		mg/Kg		95	82 - 118
Hexachlorobutadiene	0.0500	0.04769		mg/Kg		95	81 - 123
Hexane	0.0500	0.04676		mg/Kg		94	25 - 150
2-Hexanone	0.100	0.08909		mg/Kg		89	81 - 132
Iodomethane	0.0500	0.04644		mg/Kg		93	50 - 150
Isopropylbenzene	0.0500	0.04496		mg/Kg		90	72 - 129
4-Isopropyltoluene	0.0500	0.04641		mg/Kg		93	73 - 131
Methylene Chloride	0.0500	0.04427		mg/Kg		89	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.09151		mg/Kg		92	81 - 135
Methyl tert-butyl ether	0.0500	0.05196		mg/Kg		104	80 - 122
m-Xylene & p-Xylene	0.0500	0.04526		mg/Kg		91	79 - 123
Naphthalene	0.0500	0.04868		mg/Kg		97	66 - 128
n-Butylbenzene	0.0500	0.04612		mg/Kg		92	73 - 132
n-Heptane	0.0500	0.04781		mg/Kg		96	25 - 150
N-Propylbenzene	0.0500	0.04719		mg/Kg		94	74 - 127
o-Xylene	0.0500	0.04631		mg/Kg		93	78 - 122
sec-Butylbenzene	0.0500	0.04400		mg/Kg		88	72 - 131
Styrene	0.0500	0.04811		mg/Kg		96	79 - 128
tert-Butylbenzene	0.0500	0.04651		mg/Kg		93	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04532		mg/Kg		91	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.04710		mg/Kg		94	73 - 121
Tetrachloroethene	0.0500	0.05002		mg/Kg		100	74 - 121
Toluene	0.0500	0.04606		mg/Kg		92	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.04457		mg/Kg		89	50 - 150
trans-1,2-Dichloroethene	0.0500	0.04662		mg/Kg		93	76 - 124
trans-1,3-Dichloropropene	0.0500	0.04888		mg/Kg		98	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04808		mg/Kg		96	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04778		mg/Kg		96	69 - 130
1,1,1-Trichloroethane	0.0500	0.04846		mg/Kg		97	73 - 126
1,1,2-Trichloroethane	0.0500	0.04873		mg/Kg		97	77 - 124
Trichloroethene	0.0500	0.04823		mg/Kg		96	79 - 121
Trichlorofluoromethane	0.0500	0.04199		mg/Kg		84	77 - 128
1,2,3-Trichloropropane	0.0500	0.04730		mg/Kg		95	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05097		mg/Kg		102	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04646		mg/Kg		93	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04398		mg/Kg		88	74 - 128
Vinyl acetate	0.100	0.09119		mg/Kg		91	50 - 150
Vinyl chloride	0.0500	0.04406		mg/Kg		88	68 - 130
Xylenes, Total	0.100	0.09157		mg/Kg		92	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 127*

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

Lab Sample ID: LCS 705-104269/1001
Matrix: Solid
Analysis Batch: 104269

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*99*		*80 - 119*
Toluene-d8 (Surr)	*101*		*71 - 129*

Lab Sample ID: LCS 705-104269/1003
Matrix: Solid
Analysis Batch: 104269

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	0.09001		mg/Kg		90	25 - 150		
Isopropyl ether			0.0500	0.06706		mg/Kg		134	50 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*95*		*67 - 127*
Dibromofluoromethane	*103*		*80 - 119*
Toluene-d8 (Surr)	*96*		*71 - 129*

Lab Sample ID: LCSD 705-104269/2
Matrix: Solid
Analysis Batch: 104269

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	0.08285	J	mg/Kg		83	70 - 131	3	50
Benzene			0.0500	0.04693		mg/Kg		94	79 - 120	5	30
Bromobenzene			0.0500	0.04813		mg/Kg		96	75 - 118	4	20
Bromoform			0.0500	0.05106		mg/Kg		102	71 - 136	7	20
Bromomethane			0.0500	0.04144		mg/Kg		83	62 - 134	3	90
2-Butanone (MEK)			0.100	0.08484		mg/Kg		85	73 - 134	6	50
Carbon disulfide			0.0500	0.04740		mg/Kg		95	80 - 127	2	50
Carbon tetrachloride			0.0500	0.05161		mg/Kg		103	72 - 132	2	20
Chlorobenzene			0.0500	0.04615		mg/Kg		92	80 - 120	3	30
Chlorobromomethane			0.0500	0.04519		mg/Kg		90	79 - 122	4	20
Chlorodibromomethane			0.0500	0.04983		mg/Kg		100	81 - 123	1	20
Chloroethane			0.0500	0.04559		mg/Kg		91	66 - 130	6	57
Chloroform			0.0500	0.04560		mg/Kg		91	74 - 120	0	20
Chloromethane			0.0500	0.03763		mg/Kg		75	64 - 131	8	99
2-Chlorotoluene			0.0500	0.04817		mg/Kg		96	74 - 122	1	20
4-Chlorotoluene			0.0500	0.04409		mg/Kg		88	75 - 121	2	20
cis-1,2-Dichloroethene			0.0500	0.04867		mg/Kg		97	78 - 122	1	20
cis-1,3-Dichloropropene			0.0500	0.05052		mg/Kg		101	75 - 134	4	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05060		mg/Kg		101	68 - 125	11	20
Dibromomethane			0.0500	0.04569		mg/Kg		91	82 - 119	4	20
1,2-Dichlorobenzene			0.0500	0.04725		mg/Kg		95	80 - 120	1	20
1,3-Dichlorobenzene			0.0500	0.04739		mg/Kg		95	78 - 120	3	20
1,4-Dichlorobenzene			0.0500	0.04652		mg/Kg		93	79 - 120	2	20
Dichlorobromomethane			0.0500	0.04831		mg/Kg		97	80 - 122	3	20
1,1-Dichloroethane			0.0500	0.04577		mg/Kg		92	72 - 123	1	20
1,2-Dichloroethane			0.0500	0.04578		mg/Kg		92	73 - 123	5	20
1,1-Dichloroethene			0.0500	0.04661		mg/Kg		93	74 - 126	1	30

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

Lab Sample ID: LCSD 705-104269/2
Matrix: Solid
Analysis Batch: 104269

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane			0.0500	0.04860		mg/Kg		97	78 - 122	3	20
1,3-Dichloropropane			0.0500	0.04819		mg/Kg		96	82 - 120	3	20
2,2-Dichloropropane			0.0500	0.04632		mg/Kg		93	70 - 132	2	20
1,1-Dichloropropene			0.0500	0.05365		mg/Kg		107	74 - 126	0	20
Ethylbenzene			0.0500	0.04564		mg/Kg		91	80 - 121	0	30
Ethylene Dibromide			0.0500	0.04756		mg/Kg		95	82 - 118	0	20
Hexachlorobutadiene			0.0500	0.04691		mg/Kg		94	81 - 123	2	20
Hexane			0.0500	0.04491		mg/Kg		90	25 - 150	4	50
2-Hexanone			0.100	0.09515		mg/Kg		95	81 - 132	7	50
Iodomethane			0.0500	0.04817		mg/Kg		96	50 - 150	4	50
Isopropylbenzene			0.0500	0.04742		mg/Kg		95	72 - 129	5	20
4-Isopropyltoluene			0.0500	0.04698		mg/Kg		94	73 - 131	1	20
Methylene Chloride			0.0500	0.04517		mg/Kg		90	72 - 122	2	20
4-Methyl-2-pentanone (MIBK)			0.100	0.09061		mg/Kg		91	81 - 135	1	50
Methyl tert-butyl ether			0.0500	0.05091		mg/Kg		102	80 - 122	2	20
m-Xylene & p-Xylene			0.0500	0.04515		mg/Kg		90	79 - 123	0	30
Naphthalene			0.0500	0.04952		mg/Kg		99	66 - 128	2	30
n-Butylbenzene			0.0500	0.04615		mg/Kg		92	73 - 132	0	20
n-Heptane			0.0500	0.04268		mg/Kg		85	25 - 150	11	50
N-Propylbenzene			0.0500	0.04829		mg/Kg		97	74 - 127	2	20
o-Xylene			0.0500	0.04754		mg/Kg		95	78 - 122	3	30
sec-Butylbenzene			0.0500	0.04491		mg/Kg		90	72 - 131	2	20
Styrene			0.0500	0.04905		mg/Kg		98	79 - 128	2	20
tert-Butylbenzene			0.0500	0.04790		mg/Kg		96	73 - 128	3	20
1,1,1,2-Tetrachloroethane			0.0500	0.04637		mg/Kg		93	78 - 124	2	20
1,1,2,2-Tetrachloroethane			0.0500	0.04932		mg/Kg		99	73 - 121	5	20
Tetrachloroethene			0.0500	0.05137		mg/Kg		103	74 - 121	3	20
Toluene			0.0500	0.04508		mg/Kg		90	77 - 123	2	30
trans-1,4-Dichloro-2-butene			0.0500	0.05166		mg/Kg		103	50 - 150	15	50
trans-1,2-Dichloroethene			0.0500	0.04767		mg/Kg		95	76 - 124	2	20
trans-1,3-Dichloropropene			0.0500	0.04732		mg/Kg		95	70 - 131	3	20
1,2,3-Trichlorobenzene			0.0500	0.04848		mg/Kg		97	70 - 128	1	20
1,2,4-Trichlorobenzene			0.0500	0.04733		mg/Kg		95	69 - 130	1	20
1,1,1-Trichloroethane			0.0500	0.04907		mg/Kg		98	73 - 126	1	20
1,1,2-Trichloroethane			0.0500	0.04676		mg/Kg		94	77 - 124	4	20
Trichloroethene			0.0500	0.05008		mg/Kg		100	79 - 121	4	30
Trichlorofluoromethane			0.0500	0.04211		mg/Kg		84	77 - 128	0	50
1,2,3-Trichloropropane			0.0500	0.05234		mg/Kg		105	68 - 125	10	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04811		mg/Kg		96	80 - 121	6	50
1,2,4-Trimethylbenzene			0.0500	0.04778		mg/Kg		96	75 - 125	3	20
1,3,5-Trimethylbenzene			0.0500	0.04615		mg/Kg		92	74 - 128	5	20
Vinyl acetate			0.100	0.09014		mg/Kg		90	50 - 150	1	50
Vinyl chloride			0.0500	0.03861		mg/Kg		77	68 - 130	13	20
Xylenes, Total			0.100	0.09269		mg/Kg		93	79 - 122	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*

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

Lab Sample ID: LCSD 705-104269/2
Matrix: Solid
Analysis Batch: 104269

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane	*99*		*80 - 119*
Toluene-d8 (Surr)	*100*		*71 - 129*

Lab Sample ID: LCSD 705-104269/6
Matrix: Solid
Analysis Batch: 104269

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	0.08948		mg/Kg		89	25 - 150	1	50
Isopropyl ether			0.0500	0.06473		mg/Kg		129	50 - 150	4	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*93*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*98*		*71 - 129*

Lab Sample ID: MB 705-104634/5
Matrix: Water
Analysis Batch: 104634

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			12/29/25 11:18	1
Benzene	ND		1.00	0.200	ug/L			12/29/25 11:18	1
Bromobenzene	ND		1.00	0.222	ug/L			12/29/25 11:18	1
Bromoform	ND		1.00	0.458	ug/L			12/29/25 11:18	1
Bromomethane	ND		1.00	0.470	ug/L			12/29/25 11:18	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			12/29/25 11:18	1
Carbon disulfide	ND		2.00	0.526	ug/L			12/29/25 11:18	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			12/29/25 11:18	1
Chlorobenzene	ND		1.00	0.202	ug/L			12/29/25 11:18	1
Chlorobromomethane	ND		1.00	0.328	ug/L			12/29/25 11:18	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			12/29/25 11:18	1
Chloroethane	ND		1.00	0.374	ug/L			12/29/25 11:18	1
Chloroform	ND		1.00	0.216	ug/L			12/29/25 11:18	1
Chloromethane	ND		1.00	0.371	ug/L			12/29/25 11:18	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			12/29/25 11:18	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			12/29/25 11:18	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			12/29/25 11:18	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			12/29/25 11:18	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			12/29/25 11:18	1
Dibromomethane	ND		1.00	0.318	ug/L			12/29/25 11:18	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			12/29/25 11:18	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			12/29/25 11:18	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			12/29/25 11:18	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			12/29/25 11:18	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			12/29/25 11:18	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			12/29/25 11:18	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			12/29/25 11:18	1

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

Lab Sample ID: MB 705-104634/5
Matrix: Water
Analysis Batch: 104634

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.00	0.207	ug/L			12/29/25 11:18	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			12/29/25 11:18	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			12/29/25 11:18	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			12/29/25 11:18	1
Ethyl acetate	ND		10.0	5.93	ug/L			12/29/25 11:18	1
Ethylbenzene	ND		1.00	0.280	ug/L			12/29/25 11:18	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			12/29/25 11:18	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			12/29/25 11:18	1
Hexane	ND		10.0	3.63	ug/L			12/29/25 11:18	1
2-Hexanone	ND		10.0	3.47	ug/L			12/29/25 11:18	1
Iodomethane	ND		2.00	0.403	ug/L			12/29/25 11:18	1
Isopropylbenzene	ND		1.00	0.269	ug/L			12/29/25 11:18	1
Isopropyl ether	ND		5.00	2.84	ug/L			12/29/25 11:18	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			12/29/25 11:18	1
Methylene Chloride	ND		5.00	2.36	ug/L			12/29/25 11:18	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			12/29/25 11:18	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			12/29/25 11:18	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			12/29/25 11:18	1
Naphthalene	ND		2.00	1.56	ug/L			12/29/25 11:18	1
n-Butylbenzene	ND		1.00	0.690	ug/L			12/29/25 11:18	1
n-Heptane	ND		10.0	3.05	ug/L			12/29/25 11:18	1
N-Propylbenzene	ND		1.00	0.239	ug/L			12/29/25 11:18	1
o-Xylene	ND		1.00	0.270	ug/L			12/29/25 11:18	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			12/29/25 11:18	1
Styrene	ND		1.00	0.194	ug/L			12/29/25 11:18	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			12/29/25 11:18	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			12/29/25 11:18	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			12/29/25 11:18	1
Tetrachloroethene	ND		1.00	0.193	ug/L			12/29/25 11:18	1
Toluene	ND		1.00	0.197	ug/L			12/29/25 11:18	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			12/29/25 11:18	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			12/29/25 11:18	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			12/29/25 11:18	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			12/29/25 11:18	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			12/29/25 11:18	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			12/29/25 11:18	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			12/29/25 11:18	1
Trichloroethene	ND		1.00	0.211	ug/L			12/29/25 11:18	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			12/29/25 11:18	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			12/29/25 11:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			12/29/25 11:18	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			12/29/25 11:18	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			12/29/25 11:18	1
Vinyl acetate	ND		10.0	2.64	ug/L			12/29/25 11:18	1
Vinyl chloride	ND		1.00	0.304	ug/L			12/29/25 11:18	1
Xylenes, Total	ND		1.00	0.270	ug/L			12/29/25 11:18	1

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

Lab Sample ID: MB 705-104634/5
Matrix: Water
Analysis Batch: 104634

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*102*		*70 - 126*		*12/29/25 11:18*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*12/29/25 11:18*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*12/29/25 11:18*	*1*

Lab Sample ID: LCS 705-104634/1003
Matrix: Water
Analysis Batch: 104634

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	39.83		ug/L		100	62 - 136
Benzene	20.0	22.28		ug/L		111	76 - 122
Bromobenzene	20.0	21.71		ug/L		109	77 - 125
Bromoform	20.0	22.14		ug/L		111	65 - 129
Bromomethane	20.0	22.61		ug/L		113	60 - 138
2-Butanone (MEK)	40.0	44.19		ug/L		110	74 - 131
Carbon disulfide	20.0	22.67		ug/L		113	71 - 122
Carbon tetrachloride	20.0	23.88		ug/L		119	72 - 131
Chlorobenzene	20.0	21.51		ug/L		108	75 - 121
Chlorobromomethane	20.0	21.77		ug/L		109	77 - 120
Chlorodibromomethane	20.0	22.67		ug/L		113	70 - 131
Chloroethane	20.0	21.07		ug/L		105	55 - 138
Chloroform	20.0	20.87		ug/L		104	73 - 121
Chloromethane	20.0	20.71		ug/L		104	57 - 129
2-Chlorotoluene	20.0	21.72		ug/L		109	75 - 123
4-Chlorotoluene	20.0	21.65		ug/L		108	76 - 124
cis-1,2-Dichloroethene	20.0	21.00		ug/L		105	76 - 121
cis-1,3-Dichloropropene	20.0	23.12		ug/L		116	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	23.71		ug/L		119	64 - 125
Dibromomethane	20.0	21.92		ug/L		110	70 - 130
1,2-Dichlorobenzene	20.0	21.69		ug/L		108	69 - 127
1,3-Dichlorobenzene	20.0	21.75		ug/L		109	68 - 128
1,4-Dichlorobenzene	20.0	21.24		ug/L		106	68 - 126
Dichlorobromomethane	20.0	21.14		ug/L		106	70 - 124
1,1-Dichloroethane	20.0	21.19		ug/L		106	65 - 126
1,2-Dichloroethane	20.0	20.76		ug/L		104	72 - 127
1,1-Dichloroethene	20.0	22.54		ug/L		113	69 - 130
1,2-Dichloropropane	20.0	22.93		ug/L		115	71 - 121
1,3-Dichloropropane	20.0	22.35		ug/L		112	76 - 125
2,2-Dichloropropane	20.0	23.28		ug/L		116	71 - 131
1,1-Dichloropropene	20.0	23.25		ug/L		116	74 - 129
Ethylbenzene	20.0	21.62		ug/L		108	75 - 127
Ethylene Dibromide	20.0	22.23		ug/L		111	68 - 133
Hexachlorobutadiene	20.0	22.94		ug/L		115	65 - 137
Hexane	20.0	23.88		ug/L		119	25 - 150
2-Hexanone	40.0	43.02		ug/L		108	70 - 130
Iodomethane	20.0	20.78		ug/L		104	50 - 150
Isopropylbenzene	20.0	20.68		ug/L		103	76 - 125
4-Isopropyltoluene	20.0	22.81		ug/L		114	78 - 126

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

Lab Sample ID: LCS 705-104634/1003
Matrix: Water
Analysis Batch: 104634

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	20.68		ug/L		103	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	41.95		ug/L		105	76 - 122
Methyl tert-butyl ether	20.0	21.86		ug/L		109	76 - 123
m-Xylene & p-Xylene	20.0	22.11		ug/L		111	76 - 128
Naphthalene	20.0	22.01		ug/L		110	67 - 129
n-Butylbenzene	20.0	22.36		ug/L		112	71 - 131
n-Heptane	20.0	23.43		ug/L		117	25 - 150
N-Propylbenzene	20.0	22.12		ug/L		111	75 - 127
o-Xylene	20.0	21.73		ug/L		109	78 - 124
sec-Butylbenzene	20.0	22.09		ug/L		110	74 - 127
Styrene	20.0	21.29		ug/L		106	71 - 129
tert-Butylbenzene	20.0	21.53		ug/L		108	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.78		ug/L		114	76 - 130
1,1,2,2-Tetrachloroethane	20.0	21.81		ug/L		109	73 - 127
Tetrachloroethene	20.0	22.98		ug/L		115	74 - 129
Toluene	20.0	21.73		ug/L		109	74 - 124
trans-1,4-Dichloro-2-butene	20.0	21.98		ug/L		110	50 - 150
trans-1,2-Dichloroethene	20.0	21.82		ug/L		109	74 - 124
trans-1,3-Dichloropropene	20.0	21.57		ug/L		108	59 - 135
1,2,3-Trichlorobenzene	20.0	21.45		ug/L		107	65 - 130
1,2,4-Trichlorobenzene	20.0	22.52		ug/L		113	65 - 131
1,1,1-Trichloroethane	20.0	21.68		ug/L		108	71 - 124
1,1,2-Trichloroethane	20.0	22.72		ug/L		114	69 - 127
Trichloroethene	20.0	23.69		ug/L		118	72 - 129
Trichlorofluoromethane	20.0	20.64		ug/L		103	63 - 142
1,2,3-Trichloropropane	20.0	21.26		ug/L		106	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.48		ug/L		112	74 - 122
1,2,4-Trimethylbenzene	20.0	21.70		ug/L		109	80 - 123
1,3,5-Trimethylbenzene	20.0	22.12		ug/L		111	79 - 124
Vinyl acetate	40.0	40.88		ug/L		102	50 - 150
Vinyl chloride	20.0	23.64		ug/L		118	65 - 132
Xylenes, Total	40.0	43.84		ug/L		110	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

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

Lab Sample ID: MB 400-734122/1-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1

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

Lab Sample ID: MB 400-734122/1-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2,4-Dinitrophenol	0.1544	J	0.990	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Acetophenone	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Anthracene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Atrazine	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Caprolactam	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Carbazole	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Chrysene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Fluorene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1

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

Lab Sample ID: MB 400-734122/1-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Isophorone	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Naphthalene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Phenol	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1
Pyrene	ND		0.330	0.0330	mg/Kg		12/17/25 15:32	12/18/25 16:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*155*	*S1+*	*40 - 140*	*12/17/25 15:32*	*12/18/25 16:26*	*1*
2-Fluorobiphenyl (Surr)	*115*		*40 - 140*	*12/17/25 15:32*	*12/18/25 16:26*	*1*
2-Fluorophenol (Surr)	*133*		*40 - 140*	*12/17/25 15:32*	*12/18/25 16:26*	*1*
Nitrobenzene-d5 (Surr)	*128*		*40 - 140*	*12/17/25 15:32*	*12/18/25 16:26*	*1*
Phenol-d5 (Surr)	*131*		*40 - 140*	*12/17/25 15:32*	*12/18/25 16:26*	*1*
Terphenyl-d14 (Surr)	*126*		*40 - 140*	*12/17/25 15:32*	*12/18/25 16:26*	*1*

Lab Sample ID: LCS 400-734122/2-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.787		mg/Kg		119	19 - 126
2,4,5-Trichlorophenol	1.50	1.787		mg/Kg		119	10 - 150
2,4,6-Trichlorophenol	1.50	1.990		mg/Kg		133	10 - 150
2,4-Dichlorophenol	1.50	2.002		mg/Kg		133	10 - 150
2,4-Dimethylphenol	1.50	1.199		mg/Kg		80	10 - 141
2,4-Dinitrophenol	3.00	4.435		mg/Kg		148	10 - 150
2,4-Dinitrotoluene	1.50	1.818		mg/Kg		121	31 - 136
2,6-Dinitrotoluene	1.50	2.130	*+	mg/Kg		142	31 - 137
2-Chloronaphthalene	1.50	1.822		mg/Kg		121	20 - 126
2-Chlorophenol	1.50	1.800		mg/Kg		120	10 - 150
2-Methylnaphthalene	1.50	1.836		mg/Kg		122	20 - 150
2-Methylphenol	1.50	1.806		mg/Kg		120	18 - 126
2-Nitroaniline	1.50	2.273	*+	mg/Kg		152	30 - 150
2-Nitrophenol	1.50	2.444	*+	mg/Kg		163	19 - 150
3 & 4 Methylphenol	1.50	2.017		mg/Kg		134	10 - 150
3,3'-Dichlorobenzidine	3.00	3.159	E	mg/Kg		105	10 - 124
3-Nitroaniline	1.50	1.786		mg/Kg		119	10 - 148
4,6-Dinitro-2-methylphenol	3.00	4.935	*+	mg/Kg		164	15 - 150
4-Bromophenyl phenyl ether	1.50	1.882		mg/Kg		125	21 - 129
4-Chloro-3-methylphenol	1.50	1.775		mg/Kg		118	16 - 150
4-Chloroaniline	1.50	1.434		mg/Kg		96	10 - 120

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

Lab Sample ID: LCS 400-734122/2-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	1.50	1.362		mg/Kg		91	21 - 124
4-Nitroaniline	1.50	1.949		mg/Kg		130	21 - 146
4-Nitrophenol	3.00	3.033		mg/Kg		101	10 - 150
Acenaphthene	1.50	1.707		mg/Kg		114	21 - 150
Acenaphthylene	1.50	1.772		mg/Kg		118	22 - 150
Acetophenone	1.50	1.699		mg/Kg		113	15 - 128
Anthracene	1.50	1.813		mg/Kg		121	28 - 150
Atrazine	1.50	2.025		mg/Kg		135	10 - 150
Benzaldehyde	1.50	1.824		mg/Kg		122	10 - 150
Benzo[a]anthracene	1.50	1.838		mg/Kg		123	32 - 150
Benzo[a]pyrene	1.50	1.816		mg/Kg		121	24 - 150
Benzo[b]fluoranthene	1.50	1.788		mg/Kg		119	17 - 150
Benzo[g,h,i]perylene	1.50	1.746		mg/Kg		116	25 - 150
Benzo[k]fluoranthene	1.50	1.775		mg/Kg		118	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.886	*+	mg/Kg		126	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.942		mg/Kg		129	16 - 132
Bis(2-chloroethyl)ether	1.50	1.800		mg/Kg		120	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.765		mg/Kg		118	12 - 150
Butyl benzyl phthalate	1.50	1.914		mg/Kg		128	24 - 150
Caprolactam	1.50	2.441	*+	mg/Kg		163	10 - 150
Carbazole	1.50	1.899		mg/Kg		127	16 - 150
Chrysene	1.50	1.821		mg/Kg		121	31 - 150
Dibenz(a,h)anthracene	1.50	1.754		mg/Kg		117	26 - 150
Dibenzofuran	1.50	1.735		mg/Kg		116	27 - 123
Diethyl phthalate	1.50	1.619		mg/Kg		108	20 - 150
Dimethyl phthalate	1.50	1.712		mg/Kg		114	21 - 140
Di-n-butyl phthalate	1.50	1.922		mg/Kg		128	10 - 150
Di-n-octyl phthalate	1.50	2.196		mg/Kg		146	23 - 150
Fluoranthene	1.50	1.835		mg/Kg		122	27 - 150
Fluorene	1.50	1.788		mg/Kg		119	21 - 150
Hexachlorobenzene	1.50	1.774		mg/Kg		118	23 - 121
Hexachlorobutadiene	1.50	1.743		mg/Kg		116	15 - 120
Hexachlorocyclopentadiene	1.50	1.798		mg/Kg		120	14 - 132
Hexachloroethane	1.50	1.824	*+	mg/Kg		122	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.776		mg/Kg		118	33 - 150
Isophorone	1.50	1.876		mg/Kg		125	22 - 129
Naphthalene	1.50	1.815		mg/Kg		121	17 - 150
Nitrobenzene	1.50	1.894		mg/Kg		126	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.941	*+	mg/Kg		129	23 - 128
N-Nitrosodiphenylamine	1.49	1.706		mg/Kg		115	21 - 137
Pentachlorophenol	3.00	4.680	*+	mg/Kg		156	10 - 150
Phenanthrene	1.50	1.759		mg/Kg		117	24 - 150
Phenol	1.50	1.928		mg/Kg		129	10 - 150
Pyrene	1.50	1.837		mg/Kg		122	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*177*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*121*		*40 - 140*

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

Lab Sample ID: LCS 400-734122/2-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	139		40 - 140
Nitrobenzene-d5 (Surr)	133		40 - 140
Phenol-d5 (Surr)	134		40 - 140
Terphenyl-d14 (Surr)	129		40 - 140

Lab Sample ID: 752-40323-1 MS
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1.82	2.107		mg/Kg	☼	116	40 - 140
2,4,5-Trichlorophenol	ND		1.82	2.261		mg/Kg	☼	124	40 - 140
2,4,6-Trichlorophenol	ND		1.82	2.327		mg/Kg	☼	128	40 - 140
2,4-Dichlorophenol	ND		1.82	2.253		mg/Kg	☼	124	40 - 140
2,4-Dimethylphenol	ND		1.82	1.224		mg/Kg	☼	67	40 - 140
2,4-Dinitrophenol	ND		3.63	4.043		mg/Kg	☼	111	40 - 140
2,4-Dinitrotoluene	ND		1.82	2.190	I	mg/Kg	☼	121	40 - 140
2,6-Dinitrotoluene	ND	*+ F1	1.82	2.649	F1	mg/Kg	☼	146	40 - 140
2-Chloronaphthalene	ND		1.82	2.174		mg/Kg	☼	120	40 - 140
2-Chlorophenol	ND		1.82	2.066		mg/Kg	☼	114	40 - 140
2-Methylnaphthalene	ND		1.82	2.125		mg/Kg	☼	117	40 - 140
2-Methylphenol	ND		1.82	1.990		mg/Kg	☼	110	40 - 140
2-Nitroaniline	ND	*+ F1	1.82	2.781	F1	mg/Kg	☼	153	40 - 140
2-Nitrophenol	ND	*+ F1	1.82	2.882	F1	mg/Kg	☼	159	40 - 140
3 & 4 Methylphenol	ND		1.82	2.255		mg/Kg	☼	124	40 - 140
3,3'-Dichlorobenzidine	ND		3.63	4.316	E	mg/Kg	☼	119	40 - 140
3-Nitroaniline	ND		1.82	2.255		mg/Kg	☼	124	40 - 140
4,6-Dinitro-2-methylphenol	ND	*+ F1	3.63	5.869	F1	mg/Kg	☼	162	40 - 140
4-Bromophenyl phenyl ether	ND		1.82	2.259		mg/Kg	☼	124	40 - 140
4-Chloro-3-methylphenol	ND		1.82	2.074		mg/Kg	☼	114	40 - 140
4-Chloroaniline	ND		1.82	1.924		mg/Kg	☼	106	40 - 140
4-Chlorophenyl phenyl ether	ND		1.82	1.637		mg/Kg	☼	90	40 - 140
4-Nitroaniline	ND		1.82	2.327	I	mg/Kg	☼	128	40 - 140
4-Nitrophenol	ND		3.63	3.776		mg/Kg	☼	104	40 - 140
Acenaphthene	0.0659	J F1	1.82	2.064		mg/Kg	☼	110	40 - 140
Acenaphthylene	0.0484	J	1.82	2.171		mg/Kg	☼	117	40 - 140
Acetophenone	ND		1.82	1.943		mg/Kg	☼	107	40 - 140
Anthracene	0.137	J	1.82	2.201		mg/Kg	☼	114	40 - 140
Atrazine	ND		1.82	2.426		mg/Kg	☼	134	40 - 140
Benzaldehyde	ND		1.82	1.832		mg/Kg	☼	101	40 - 140
Benzo[a]anthracene	0.510		1.82	2.383		mg/Kg	☼	103	40 - 140
Benzo[a]pyrene	0.483		1.82	2.242		mg/Kg	☼	97	40 - 140
Benzo[b]fluoranthene	0.649		1.82	2.239		mg/Kg	☼	88	40 - 140
Benzo[g,h,i]perylene	0.303	J	1.82	1.912		mg/Kg	☼	89	40 - 140
Benzo[k]fluoranthene	0.235	J	1.82	2.097		mg/Kg	☼	103	40 - 140
bis (2-chloroisopropyl) ether	ND	*+	1.82	2.179		mg/Kg	☼	120	40 - 140
Bis(2-chloroethoxy)methane	ND		1.82	2.208		mg/Kg	☼	122	40 - 140
Bis(2-chloroethyl)ether	ND		1.82	2.101		mg/Kg	☼	116	40 - 140

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

Lab Sample ID: 752-40323-1 MS
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND		1.82	2.211		mg/Kg	☼	122	40 - 140
Butyl benzyl phthalate	ND		1.82	2.408		mg/Kg	☼	133	40 - 140
Caprolactam	ND	*+	1.82	2.459		mg/Kg	☼	135	40 - 140
Carbazole	0.0899	J	1.82	2.295		mg/Kg	☼	121	40 - 140
Chrysene	0.485		1.82	2.351		mg/Kg	☼	103	40 - 140
Dibenz(a,h)anthracene	0.0733	J	1.82	1.877		mg/Kg	☼	99	40 - 140
Dibenzofuran	ND		1.82	2.078		mg/Kg	☼	114	40 - 140
Diethyl phthalate	ND		1.82	1.909		mg/Kg	☼	105	40 - 140
Dimethyl phthalate	ND		1.82	2.036		mg/Kg	☼	112	40 - 140
Di-n-butyl phthalate	ND		1.82	2.320		mg/Kg	☼	128	40 - 140
Di-n-octyl phthalate	ND	F1	1.82	2.670	F1	mg/Kg	☼	147	40 - 140
Fluoranthene	1.27		1.82	2.421		mg/Kg	☼	63	40 - 140
Fluorene	0.0766	J	1.82	2.197		mg/Kg	☼	117	40 - 140
Hexachlorobenzene	ND		1.82	2.152		mg/Kg	☼	118	40 - 140
Hexachlorobutadiene	ND		1.82	1.984		mg/Kg	☼	109	40 - 140
Hexachlorocyclopentadiene	ND		1.82	1.657		mg/Kg	☼	91	40 - 140
Hexachloroethane	ND	*+	1.82	2.074		mg/Kg	☼	114	40 - 140
Indeno[1,2,3-cd]pyrene	0.317	J	1.82	1.957		mg/Kg	☼	90	40 - 140
Isophorone	ND		1.82	2.183		mg/Kg	☼	120	40 - 140
Naphthalene	ND	F1	1.82	2.070		mg/Kg	☼	114	40 - 140
Nitrobenzene	ND		1.82	2.188		mg/Kg	☼	120	40 - 140
N-Nitrosodi-n-propylamine	ND	*+	1.82	2.217		mg/Kg	☼	122	40 - 140
N-Nitrosodiphenylamine	ND		1.80	2.048		mg/Kg	☼	114	40 - 140
Pentachlorophenol	ND	*+ F1	3.63	5.291	F1	mg/Kg	☼	146	40 - 140
Phenanthrene	0.737		1.82	2.140		mg/Kg	☼	77	40 - 140
Phenol	ND		1.82	2.142	I	mg/Kg	☼	118	40 - 140
Pyrene	0.992		1.82	2.397		mg/Kg	☼	77	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*175*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*117*		*40 - 140*
2-Fluorophenol (Surr)	*126*		*40 - 140*
Nitrobenzene-d5 (Surr)	*130*		*40 - 140*
Phenol-d5 (Surr)	*127*		*40 - 140*
Terphenyl-d14 (Surr)	*127*		*40 - 140*

Lab Sample ID: 752-40323-1 MSD
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1.97	2.379		mg/Kg	☼	121	40 - 140	12	50
2,4,5-Trichlorophenol	ND		1.97	2.422		mg/Kg	☼	123	40 - 140	7	50
2,4,6-Trichlorophenol	ND		1.97	2.464		mg/Kg	☼	125	40 - 140	6	50
2,4-Dichlorophenol	ND		1.97	2.570		mg/Kg	☼	131	40 - 140	13	50
2,4-Dimethylphenol	ND		1.97	1.146		mg/Kg	☼	58	40 - 140	7	50
2,4-Dinitrophenol	ND		3.93	3.199		mg/Kg	☼	81	40 - 140	23	50
2,4-Dinitrotoluene	ND		1.97	2.303	I	mg/Kg	☼	117	40 - 140	5	50

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

Lab Sample ID: 752-40323-1 MSD
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	ND	*+ F1	1.97	2.860	F1	mg/Kg	☼	145	40 - 140	8	50
2-Chloronaphthalene	ND		1.97	2.317		mg/Kg	☼	118	40 - 140	6	50
2-Chlorophenol	ND		1.97	2.244		mg/Kg	☼	114	40 - 140	8	50
2-Methylnaphthalene	ND		1.97	2.530		mg/Kg	☼	129	40 - 140	17	50
2-Methylphenol	ND		1.97	2.119		mg/Kg	☼	108	40 - 140	6	50
2-Nitroaniline	ND	*+ F1	1.97	2.977	F1	mg/Kg	☼	151	40 - 140	7	50
2-Nitrophenol	ND	*+ F1	1.97	3.110	F1	mg/Kg	☼	158	40 - 140	8	50
3 & 4 Methylphenol	ND		1.97	2.441		mg/Kg	☼	124	40 - 140	8	50
3,3'-Dichlorobenzidine	ND		3.93	4.499	E	mg/Kg	☼	114	40 - 140	4	50
3-Nitroaniline	ND		1.97	2.397		mg/Kg	☼	122	40 - 140	6	50
4,6-Dinitro-2-methylphenol	ND	*+ F1	3.93	5.494		mg/Kg	☼	140	40 - 140	7	50
4-Bromophenyl phenyl ether	ND		1.97	2.363		mg/Kg	☼	120	40 - 140	5	50
4-Chloro-3-methylphenol	ND		1.97	2.205		mg/Kg	☼	112	40 - 140	6	50
4-Chloroaniline	ND		1.97	2.064		mg/Kg	☼	105	40 - 140	7	50
4-Chlorophenyl phenyl ether	ND		1.97	1.743		mg/Kg	☼	89	40 - 140	6	50
4-Nitroaniline	ND		1.97	2.463	I	mg/Kg	☼	125	40 - 140	6	50
4-Nitrophenol	ND		3.93	3.776		mg/Kg	☼	96	40 - 140	0	50
Acenaphthene	0.0659	J F1	1.97	2.997	F1	mg/Kg	☼	149	40 - 140	37	50
Acenaphthylene	0.0484	J	1.97	2.346		mg/Kg	☼	117	40 - 140	8	50
Acetophenone	ND		1.97	2.103		mg/Kg	☼	107	40 - 140	8	50
Anthracene	0.137	J	1.97	2.423		mg/Kg	☼	116	40 - 140	10	50
Atrazine	ND		1.97	2.449		mg/Kg	☼	125	40 - 140	1	50
Benzaldehyde	ND		1.97	1.936		mg/Kg	☼	98	40 - 140	5	50
Benzo[a]anthracene	0.510		1.97	2.749		mg/Kg	☼	114	40 - 140	14	50
Benzo[a]pyrene	0.483		1.97	2.465		mg/Kg	☼	101	40 - 140	10	50
Benzo[b]fluoranthene	0.649		1.97	2.543		mg/Kg	☼	96	40 - 140	13	50
Benzo[g,h,i]perylene	0.303	J	1.97	2.093		mg/Kg	☼	91	40 - 140	9	50
Benzo[k]fluoranthene	0.235	J	1.97	2.288		mg/Kg	☼	104	40 - 140	9	50
bis (2-chloroisopropyl) ether	ND	*+	1.97	2.409		mg/Kg	☼	123	40 - 140	10	50
Bis(2-chloroethoxy)methane	ND		1.97	2.352		mg/Kg	☼	120	40 - 140	6	50
Bis(2-chloroethyl)ether	ND		1.97	2.278		mg/Kg	☼	116	40 - 140	8	50
Bis(2-ethylhexyl) phthalate	ND		1.97	2.390		mg/Kg	☼	122	40 - 140	8	50
Butyl benzyl phthalate	ND		1.97	2.581		mg/Kg	☼	131	40 - 140	7	50
Caprolactam	ND	*+	1.97	2.742		mg/Kg	☼	139	40 - 140	11	50
Carbazole	0.0899	J	1.97	2.467		mg/Kg	☼	121	40 - 140	7	50
Chrysene	0.485		1.97	2.525		mg/Kg	☼	104	40 - 140	7	50
Dibenz(a,h)anthracene	0.0733	J	1.97	2.024		mg/Kg	☼	99	40 - 140	8	50
Dibenzofuran	ND		1.97	2.353		mg/Kg	☼	120	40 - 140	12	50
Diethyl phthalate	ND		1.97	2.045		mg/Kg	☼	104	40 - 140	7	50
Dimethyl phthalate	ND		1.97	2.175		mg/Kg	☼	111	40 - 140	7	50
Di-n-butyl phthalate	ND		1.97	2.491		mg/Kg	☼	127	40 - 140	7	50
Di-n-octyl phthalate	ND	F1	1.97	2.840	F1	mg/Kg	☼	144	40 - 140	6	50
Fluoranthene	1.27		1.97	3.146		mg/Kg	☼	95	40 - 140	26	50
Fluorene	0.0766	J	1.97	2.696		mg/Kg	☼	133	40 - 140	20	50
Hexachlorobenzene	ND		1.97	2.222		mg/Kg	☼	113	40 - 140	3	50
Hexachlorobutadiene	ND		1.97	2.145		mg/Kg	☼	109	40 - 140	8	50
Hexachlorocyclopentadiene	ND		1.97	1.723		mg/Kg	☼	88	40 - 140	4	50
Hexachloroethane	ND	*+	1.97	2.325		mg/Kg	☼	118	40 - 140	11	50
Indeno[1,2,3-cd]pyrene	0.317	J	1.97	2.154		mg/Kg	☼	93	40 - 140	10	50

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

Lab Sample ID: 752-40323-1 MSD
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	ND		1.97	2.361		mg/Kg	☼	120	40 - 140	8	50
Naphthalene	ND	F1	1.97	2.774	F1	mg/Kg	☼	141	40 - 140	29	50
Nitrobenzene	ND		1.97	2.439		mg/Kg	☼	124	40 - 140	11	50
N-Nitrosodi-n-propylamine	ND	*+	1.97	2.469		mg/Kg	☼	126	40 - 140	11	50
N-Nitrosodiphenylamine	ND		1.95	2.195		mg/Kg	☼	113	40 - 140	7	50
Pentachlorophenol	ND	*+ F1	3.93	5.205		mg/Kg	☼	132	40 - 140	2	50
Phenanthrene	0.737		1.97	3.024		mg/Kg	☼	116	40 - 140	34	50
Phenol	ND		1.97	2.285		mg/Kg	☼	116	40 - 140	6	50
Pyrene	0.992		1.97	2.967		mg/Kg	☼	100	40 - 140	21	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*159*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*114*		*40 - 140*
2-Fluorophenol (Surr)	*131*		*40 - 140*
Nitrobenzene-d5 (Surr)	*128*		*40 - 140*
Phenol-d5 (Surr)	*123*		*40 - 140*
Terphenyl-d14 (Surr)	*123*		*40 - 140*

Lab Sample ID: MB 400-734141/1-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1

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

Lab Sample ID: MB 400-734141/1-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Acetophenone	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Anthracene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Atrazine	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Caprolactam	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Carbazole	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Chrysene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Fluorene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Isophorone	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Naphthalene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Phenol	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1
Pyrene	ND		0.330	0.0330	mg/Kg		12/17/25 17:04	12/19/25 00:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*148*	*S1+*	*40 - 140*	*12/17/25 17:04*	*12/19/25 00:32*	*1*
2-Fluorobiphenyl (Surr)	*125*		*40 - 140*	*12/17/25 17:04*	*12/19/25 00:32*	*1*
2-Fluorophenol (Surr)	*137*		*40 - 140*	*12/17/25 17:04*	*12/19/25 00:32*	*1*
Nitrobenzene-d5 (Surr)	*131*		*40 - 140*	*12/17/25 17:04*	*12/19/25 00:32*	*1*
Phenol-d5 (Surr)	*122*		*40 - 140*	*12/17/25 17:04*	*12/19/25 00:32*	*1*
Terphenyl-d14 (Surr)	*140*		*40 - 140*	*12/17/25 17:04*	*12/19/25 00:32*	*1*

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

Lab Sample ID: LCS 400-734141/2-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.776		mg/Kg		118	19 - 126
2,4,5-Trichlorophenol	1.50	1.427		mg/Kg		95	10 - 150
2,4,6-Trichlorophenol	1.50	1.755		mg/Kg		117	10 - 150
2,4-Dichlorophenol	1.50	2.001		mg/Kg		133	10 - 150
2,4-Dimethylphenol	1.50	0.2163	J	mg/Kg		14	10 - 141
2,4-Dinitrophenol	3.00	3.302		mg/Kg		110	10 - 150
2,4-Dinitrotoluene	1.50	1.769		mg/Kg		118	31 - 136
2,6-Dinitrotoluene	1.50	2.177	*+	mg/Kg		145	31 - 137
2-Chloronaphthalene	1.50	1.870		mg/Kg		125	20 - 126
2-Chlorophenol	1.50	1.787		mg/Kg		119	10 - 150
2-Methylnaphthalene	1.50	1.871		mg/Kg		125	20 - 150
2-Methylphenol	1.50	1.629		mg/Kg		109	18 - 126
2-Nitroaniline	1.50	2.295	*+	mg/Kg		153	30 - 150
2-Nitrophenol	1.50	2.422	*+	mg/Kg		161	19 - 150
3 & 4 Methylphenol	1.50	1.774		mg/Kg		118	10 - 150
3,3'-Dichlorobenzidine	3.00	3.016	E	mg/Kg		101	10 - 124
3-Nitroaniline	1.50	1.817		mg/Kg		121	10 - 148
4,6-Dinitro-2-methylphenol	3.00	3.975		mg/Kg		132	15 - 150
4-Bromophenyl phenyl ether	1.50	1.932		mg/Kg		129	21 - 129
4-Chloro-3-methylphenol	1.50	1.601		mg/Kg		107	16 - 150
4-Chloroaniline	1.50	1.385		mg/Kg		92	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.394		mg/Kg		93	21 - 124
4-Nitroaniline	1.50	1.959		mg/Kg		131	21 - 146
4-Nitrophenol	3.00	0.6191		mg/Kg		21	10 - 150
Acenaphthene	1.50	1.757		mg/Kg		117	21 - 150
Acenaphthylene	1.50	1.824		mg/Kg		122	22 - 150
Acetophenone	1.50	1.683		mg/Kg		112	15 - 128
Anthracene	1.50	1.896		mg/Kg		126	28 - 150
Atrazine	1.50	2.074		mg/Kg		138	10 - 150
Benzaldehyde	1.50	1.785		mg/Kg		119	10 - 150
Benzo[a]anthracene	1.50	1.923		mg/Kg		128	32 - 150
Benzo[a]pyrene	1.50	1.765		mg/Kg		118	24 - 150
Benzo[b]fluoranthene	1.50	1.748		mg/Kg		117	17 - 150
Benzo[g,h,i]perylene	1.50	1.572		mg/Kg		105	25 - 150
Benzo[k]fluoranthene	1.50	1.731		mg/Kg		115	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.897	*+	mg/Kg		126	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.951		mg/Kg		130	16 - 132
Bis(2-chloroethyl)ether	1.50	1.834	*+	mg/Kg		122	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.767		mg/Kg		118	12 - 150
Butyl benzyl phthalate	1.50	1.906		mg/Kg		127	24 - 150
Caprolactam	1.50	2.458	*+	mg/Kg		164	10 - 150
Carbazole	1.50	1.990		mg/Kg		133	16 - 150
Chrysene	1.50	1.791		mg/Kg		119	31 - 150
Dibenz(a,h)anthracene	1.50	1.632		mg/Kg		109	26 - 150
Dibenzofuran	1.50	1.783		mg/Kg		119	27 - 123
Diethyl phthalate	1.50	1.629		mg/Kg		109	20 - 150
Dimethyl phthalate	1.50	1.762		mg/Kg		117	21 - 140
Di-n-butyl phthalate	1.50	1.970		mg/Kg		131	10 - 150

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

Lab Sample ID: LCS 400-734141/2-A
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734141

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Di-n-octyl phthalate			1.50	2.183		mg/Kg		146	23 - 150		
Fluoranthene			1.50	1.891		mg/Kg		126	27 - 150		
Fluorene			1.50	1.855		mg/Kg		124	21 - 150		
Hexachlorobenzene			1.50	1.835	*+	mg/Kg		122	23 - 121		
Hexachlorobutadiene			1.50	1.732		mg/Kg		115	15 - 120		
Hexachlorocyclopentadiene			1.50	1.210		mg/Kg		81	14 - 132		
Hexachloroethane			1.50	1.797		mg/Kg		120	20 - 120		
Indeno[1,2,3-cd]pyrene			1.50	1.639		mg/Kg		109	33 - 150		
Isophorone			1.50	1.857		mg/Kg		124	22 - 129		
Naphthalene			1.50	1.839		mg/Kg		123	17 - 150		
Nitrobenzene			1.50	1.928	*+	mg/Kg		129	22 - 126		
N-Nitrosodi-n-propylamine			1.50	1.948	*+	mg/Kg		130	23 - 128		
N-Nitrosodiphenylamine			1.49	1.721		mg/Kg		116	21 - 137		
Pentachlorophenol			3.00	4.067		mg/Kg		136	10 - 150		
Phenanthrene			1.50	1.832		mg/Kg		122	24 - 150		
Phenol			1.50	1.839		mg/Kg		123	10 - 150		
Pyrene			1.50	1.900		mg/Kg		127	25 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*153*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*131*		*40 - 140*
2-Fluorophenol (Surr)	*144*	*S1+*	*40 - 140*
Nitrobenzene-d5 (Surr)	*142*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*118*		*40 - 140*
Terphenyl-d14 (Surr)	*139*		*40 - 140*

Lab Sample ID: 752-40323-2 MS
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-8
Prep Type: Total/NA
Prep Batch: 734141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1'-Biphenyl	ND		1.88	2.176		mg/Kg	☼	116	40 - 140		
2,4,5-Trichlorophenol	ND		1.88	1.697		mg/Kg	☼	90	40 - 140		
2,4,6-Trichlorophenol	ND		1.88	2.033		mg/Kg	☼	108	40 - 140		
2,4-Dichlorophenol	ND		1.88	2.325		mg/Kg	☼	124	40 - 140		
2,4-Dimethylphenol	ND	F1	1.88	0.1660	J F1	mg/Kg	☼	9	40 - 140		
2,4-Dinitrophenol	ND		3.76	4.655		mg/Kg	☼	124	40 - 140		
2,4-Dinitrotoluene	ND		1.88	2.191	I	mg/Kg	☼	117	40 - 140		
2,6-Dinitrotoluene	ND	F1 *+	1.88	2.753	F1	mg/Kg	☼	147	40 - 140		
2-Chloronaphthalene	ND		1.88	2.268		mg/Kg	☼	121	40 - 140		
2-Chlorophenol	ND		1.88	2.096		mg/Kg	☼	112	40 - 140		
2-Methylnaphthalene	ND		1.88	2.293		mg/Kg	☼	122	40 - 140		
2-Methylphenol	ND		1.88	1.859		mg/Kg	☼	99	40 - 140		
2-Nitroaniline	ND	F1 *+	1.88	2.844	F1	mg/Kg	☼	151	40 - 140		
2-Nitrophenol	ND	F1 *+	1.88	3.038	F1	mg/Kg	☼	162	40 - 140		
3 & 4 Methylphenol	ND		1.88	2.112		mg/Kg	☼	112	40 - 140		
3,3'-Dichlorobenzidine	ND		3.76	4.511	E	mg/Kg	☼	120	40 - 140		
3-Nitroaniline	ND		1.88	2.331		mg/Kg	☼	124	40 - 140		

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

Lab Sample ID: 752-40323-2 MS
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-8
Prep Type: Total/NA
Prep Batch: 734141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	ND	F1	3.76	5.739	F1	mg/Kg	☼	153	40 - 140
4-Bromophenyl phenyl ether	ND	F1	1.88	2.356		mg/Kg	☼	125	40 - 140
4-Chloro-3-methylphenol	ND		1.88	2.029		mg/Kg	☼	108	40 - 140
4-Chloroaniline	ND		1.88	2.052		mg/Kg	☼	109	40 - 140
4-Chlorophenyl phenyl ether	ND		1.88	1.656		mg/Kg	☼	88	40 - 140
4-Nitroaniline	ND		1.88	2.366	I	mg/Kg	☼	126	40 - 140
4-Nitrophenol	ND		3.76	3.283		mg/Kg	☼	87	40 - 140
Acenaphthene	0.151	J	1.88	2.246		mg/Kg	☼	111	40 - 140
Acenaphthylene	ND		1.88	2.222		mg/Kg	☼	118	40 - 140
Acetophenone	ND		1.88	1.980		mg/Kg	☼	105	40 - 140
Anthracene	0.116	J	1.88	2.317		mg/Kg	☼	117	40 - 140
Atrazine	ND	F1	1.88	2.508		mg/Kg	☼	133	40 - 140
Benzaldehyde	ND		1.88	1.942		mg/Kg	☼	103	40 - 140
Benzo[a]anthracene	0.677		1.88	2.487		mg/Kg	☼	96	40 - 140
Benzo[a]pyrene	0.603		1.88	2.227		mg/Kg	☼	86	40 - 140
Benzo[b]fluoranthene	0.890		1.88	2.212		mg/Kg	☼	70	40 - 140
Benzo[g,h,i]perylene	0.406	J	1.88	1.833		mg/Kg	☼	76	40 - 140
Benzo[k]fluoranthene	0.321	J	1.88	2.167		mg/Kg	☼	98	40 - 140
bis (2-chloroisopropyl) ether	ND	*+	1.88	2.258		mg/Kg	☼	120	40 - 140
Bis(2-chloroethoxy)methane	ND		1.88	2.376		mg/Kg	☼	126	40 - 140
Bis(2-chloroethyl)ether	ND	*+	1.88	2.207		mg/Kg	☼	117	40 - 140
Bis(2-ethylhexyl) phthalate	ND		1.88	2.279		mg/Kg	☼	121	40 - 140
Butyl benzyl phthalate	ND	F1	1.88	2.430		mg/Kg	☼	129	40 - 140
Caprolactam	0.157	J F1 *+	1.88	2.902	F1	mg/Kg	☼	146	40 - 140
Carbazole	0.139	J	1.88	2.415		mg/Kg	☼	121	40 - 140
Chrysene	0.769		1.88	2.346		mg/Kg	☼	84	40 - 140
Dibenz(a,h)anthracene	0.0971	J	1.88	1.838		mg/Kg	☼	93	40 - 140
Dibenzofuran	0.0529	J	1.88	2.195		mg/Kg	☼	114	40 - 140
Diethyl phthalate	ND		1.88	1.981		mg/Kg	☼	105	40 - 140
Dimethyl phthalate	ND		1.88	2.103		mg/Kg	☼	112	40 - 140
Di-n-butyl phthalate	ND	F1	1.88	2.423		mg/Kg	☼	129	40 - 140
Di-n-octyl phthalate	ND	F1	1.88	2.788	F1	mg/Kg	☼	148	40 - 140
Fluoranthene	2.13	F1	1.88	2.532	F1	mg/Kg	☼	21	40 - 140
Fluorene	0.114	J	1.88	2.319		mg/Kg	☼	117	40 - 140
Hexachlorobenzene	ND	*+	1.88	2.194		mg/Kg	☼	117	40 - 140
Hexachlorobutadiene	ND		1.88	2.104		mg/Kg	☼	112	40 - 140
Hexachlorocyclopentadiene	ND	F1	1.88	0.7010	F1	mg/Kg	☼	37	40 - 140
Hexachloroethane	ND		1.88	2.195		mg/Kg	☼	117	40 - 140
Indeno[1,2,3-cd]pyrene	0.415	J	1.88	1.913		mg/Kg	☼	80	40 - 140
Isophorone	ND		1.88	2.216		mg/Kg	☼	118	40 - 140
Naphthalene	ND		1.88	2.269		mg/Kg	☼	121	40 - 140
Nitrobenzene	ND	F1 *+	1.88	2.359		mg/Kg	☼	126	40 - 140
N-Nitrosodi-n-propylamine	ND	*+	1.88	2.330		mg/Kg	☼	124	40 - 140
N-Nitrosodiphenylamine	ND		1.86	2.091		mg/Kg	☼	112	40 - 140
Pentachlorophenol	ND		3.76	3.683		mg/Kg	☼	98	40 - 140
Phenanthrene	1.11		1.88	2.296		mg/Kg	☼	63	40 - 140
Phenol	ND		1.88	2.143	I	mg/Kg	☼	114	40 - 140
Pyrene	1.58		1.88	2.547		mg/Kg	☼	51	40 - 140

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

Lab Sample ID: 752-40323-2 MS
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-8
Prep Type: Total/NA
Prep Batch: 734141

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*145*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*121*		*40 - 140*
2-Fluorophenol (Surr)	*134*		*40 - 140*
Nitrobenzene-d5 (Surr)	*134*		*40 - 140*
Phenol-d5 (Surr)	*94*		*40 - 140*
Terphenyl-d14 (Surr)	*136*		*40 - 140*

Lab Sample ID: 752-40323-2 MSD
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-8
Prep Type: Total/NA
Prep Batch: 734141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1.82	2.318		mg/Kg	☼	127	40 - 140	6	50
2,4,5-Trichlorophenol	ND		1.82	2.422		mg/Kg	☼	133	40 - 140	35	50
2,4,6-Trichlorophenol	ND		1.82	2.129		mg/Kg	☼	117	40 - 140	5	50
2,4-Dichlorophenol	ND		1.82	2.477		mg/Kg	☼	136	40 - 140	6	50
2,4-Dimethylphenol	ND	F1	1.82	0.2652	J F1	mg/Kg	☼	15	40 - 140	46	50
2,4-Dinitrophenol	ND		3.65	3.816		mg/Kg	☼	105	40 - 140	20	50
2,4-Dinitrotoluene	ND		1.82	2.289		mg/Kg	☼	125	40 - 140	4	50
2,6-Dinitrotoluene	ND	F1 *+	1.82	2.893	F1	mg/Kg	☼	159	40 - 140	5	50
2-Chloronaphthalene	ND		1.82	2.424		mg/Kg	☼	133	40 - 140	7	50
2-Chlorophenol	ND		1.82	2.253		mg/Kg	☼	123	40 - 140	7	50
2-Methylnaphthalene	ND		1.82	2.458		mg/Kg	☼	135	40 - 140	7	50
2-Methylphenol	ND		1.82	1.961		mg/Kg	☼	107	40 - 140	5	50
2-Nitroaniline	ND	F1 *+	1.82	3.076	F1	mg/Kg	☼	169	40 - 140	8	50
2-Nitrophenol	ND	F1 *+	1.82	3.222	F1	mg/Kg	☼	177	40 - 140	6	50
3 & 4 Methylphenol	ND		1.82	2.429		mg/Kg	☼	133	40 - 140	14	50
3,3'-Dichlorobenzidine	ND		3.65	4.956	E	mg/Kg	☼	136	40 - 140	9	50
3-Nitroaniline	ND		1.82	2.474		mg/Kg	☼	136	40 - 140	6	50
4,6-Dinitro-2-methylphenol	ND	F1	3.65	5.630	F1	mg/Kg	☼	154	40 - 140	2	50
4-Bromophenyl phenyl ether	ND	F1	1.82	2.591	F1	mg/Kg	☼	142	40 - 140	10	50
4-Chloro-3-methylphenol	ND		1.82	2.224		mg/Kg	☼	122	40 - 140	9	50
4-Chloroaniline	ND		1.82	2.239		mg/Kg	☼	123	40 - 140	9	50
4-Chlorophenyl phenyl ether	ND		1.82	1.762		mg/Kg	☼	97	40 - 140	6	50
4-Nitroaniline	ND		1.82	2.487		mg/Kg	☼	136	40 - 140	5	50
4-Nitrophenol	ND		3.65	3.241		mg/Kg	☼	89	40 - 140	1	50
Acenaphthene	0.151	J	1.82	2.327		mg/Kg	☼	119	40 - 140	4	50
Acenaphthylene	ND		1.82	2.356		mg/Kg	☼	129	40 - 140	6	50
Acetophenone	ND		1.82	2.182		mg/Kg	☼	120	40 - 140	10	50
Anthracene	0.116	J	1.82	2.521		mg/Kg	☼	132	40 - 140	8	50
Atrazine	ND	F1	1.82	2.829	F1	mg/Kg	☼	155	40 - 140	12	50
Benzaldehyde	ND		1.82	2.118		mg/Kg	☼	116	40 - 140	9	50
Benzo[a]anthracene	0.677		1.82	2.570		mg/Kg	☼	104	40 - 140	3	50
Benzo[a]pyrene	0.603		1.82	2.392		mg/Kg	☼	98	40 - 140	7	50
Benzo[b]fluoranthene	0.890		1.82	2.453		mg/Kg	☼	86	40 - 140	10	50
Benzo[g,h,i]perylene	0.406	J	1.82	2.001		mg/Kg	☼	87	40 - 140	9	50
Benzo[k]fluoranthene	0.321	J	1.82	2.312		mg/Kg	☼	109	40 - 140	6	50
bis (2-chloroisopropyl) ether	ND	*+	1.82	2.415		mg/Kg	☼	132	40 - 140	7	50

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

Lab Sample ID: 752-40323-2 MSD
Matrix: Solid
Analysis Batch: 734245

Client Sample ID: 823-SED-8
Prep Type: Total/NA
Prep Batch: 734141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	ND		1.82	2.528		mg/Kg	☼	139	40 - 140	6	50
Bis(2-chloroethyl)ether	ND	*+	1.82	2.325		mg/Kg	☼	127	40 - 140	5	50
Bis(2-ethylhexyl) phthalate	ND		1.82	2.446		mg/Kg	☼	134	40 - 140	7	50
Butyl benzyl phthalate	ND	F1	1.82	2.659	F1	mg/Kg	☼	146	40 - 140	9	50
Caprolactam	0.157	J F1 *+	1.82	3.186	F1	mg/Kg	☼	166	40 - 140	9	50
Carbazole	0.139	J	1.82	2.669		mg/Kg	☼	139	40 - 140	10	50
Chrysene	0.769		1.82	2.479		mg/Kg	☼	94	40 - 140	6	50
Dibenz(a,h)anthracene	0.0971	J	1.82	2.035		mg/Kg	☼	106	40 - 140	10	50
Dibenzofuran	0.0529	J	1.82	2.346		mg/Kg	☼	126	40 - 140	7	50
Diethyl phthalate	ND		1.82	2.096		mg/Kg	☼	115	40 - 140	6	50
Dimethyl phthalate	ND		1.82	2.256		mg/Kg	☼	124	40 - 140	7	50
Di-n-butyl phthalate	ND	F1	1.82	2.674	F1	mg/Kg	☼	147	40 - 140	10	50
Di-n-octyl phthalate	ND	F1	1.82	3.027	F1	mg/Kg	☼	166	40 - 140	8	50
Fluoranthene	2.13	F1	1.82	2.673	F1	mg/Kg	☼	30	40 - 140	5	50
Fluorene	0.114	J	1.82	2.452		mg/Kg	☼	128	40 - 140	6	50
Hexachlorobenzene	ND	*+	1.82	2.445		mg/Kg	☼	134	40 - 140	11	50
Hexachlorobutadiene	ND		1.82	2.220		mg/Kg	☼	122	40 - 140	5	50
Hexachlorocyclopentadiene	ND	F1	1.82	1.160		mg/Kg	☼	64	40 - 140	49	50
Hexachloroethane	ND		1.82	2.280		mg/Kg	☼	125	40 - 140	4	50
Indeno[1,2,3-cd]pyrene	0.415	J	1.82	2.089		mg/Kg	☼	92	40 - 140	9	50
Isophorone	ND		1.82	2.419		mg/Kg	☼	133	40 - 140	9	50
Naphthalene	ND		1.82	2.400		mg/Kg	☼	132	40 - 140	6	50
Nitrobenzene	ND	F1 *+	1.82	2.581	F1	mg/Kg	☼	141	40 - 140	9	50
N-Nitrosodi-n-propylamine	ND	*+	1.82	2.556		mg/Kg	☼	140	40 - 140	9	50
N-Nitrosodiphenylamine	ND		1.81	2.239		mg/Kg	☼	124	40 - 140	7	50
Pentachlorophenol	ND		3.65	3.578		mg/Kg	☼	98	40 - 140	3	50
Phenanthrene	1.11		1.82	2.506		mg/Kg	☼	77	40 - 140	9	50
Phenol	ND		1.82	2.277		mg/Kg	☼	125	40 - 140	6	50
Pyrene	1.58		1.82	2.651		mg/Kg	☼	58	40 - 140	4	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*163*	*S1+*	*40 - 140*
2-Fluorobiphenyl (Surr)	*134*		*40 - 140*
2-Fluorophenol (Surr)	*150*	*S1+*	*40 - 140*
Nitrobenzene-d5 (Surr)	*151*	*S1+*	*40 - 140*
Phenol-d5 (Surr)	*141*	*S1+*	*40 - 140*
Terphenyl-d14 (Surr)	*152*	*S1+*	*40 - 140*

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

Lab Sample ID: MB 400-734139/1-A
Matrix: Solid
Analysis Batch: 734439

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		12/17/25 16:49	12/19/25 15:44	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*73*		*10 - 150*	*12/17/25 16:49*	*12/19/25 15:44*	*1*

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

Lab Sample ID: LCS 400-734139/2-A
Matrix: Solid
Analysis Batch: 734439

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734139

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2405		mg/Kg		90	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*78*		*10 - 150*

Lab Sample ID: 752-40323-1 MS
Matrix: Solid
Analysis Batch: 734439

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		0.357	0.2971		mg/Kg	☼	83	50 - 150		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*71*		*10 - 150*

Lab Sample ID: 752-40323-1 MSD
Matrix: Solid
Analysis Batch: 734439

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 734139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.352	0.2917		mg/Kg	☼	83	50 - 150	2	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*70*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-103867/1-A
Matrix: Solid
Analysis Batch: 103774

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			12/24/25 01:51	1

Lab Sample ID: LCS 705-103867/2-A
Matrix: Solid
Analysis Batch: 103774

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	51.81		mg/Kg		104	90 - 110		

Lab Sample ID: MB 705-103867/1-A
Matrix: Solid
Analysis Batch: 103775

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			12/24/25 01:51	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-103867/2-A
Matrix: Solid
Analysis Batch: 103775

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	237.9		mg/Kg		95	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-103438/1-A
Matrix: Solid
Analysis Batch: 103636

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 103438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Arsenic	ND		0.600	0.0535	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Barium	0.08772	J	2.50	0.0142	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Beryllium	ND		0.500	0.0351	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Cadmium	ND		0.500	0.0163	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Chromium	ND		1.00	0.206	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Cobalt	ND		0.750	0.0283	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Copper	0.1475	J	0.500	0.0520	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Lead	ND		0.500	0.0590	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Manganese	ND		1.00	0.0615	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Nickel	0.1827	J	1.00	0.0262	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Selenium	ND		2.50	0.178	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Silver	0.01719	J	0.250	0.00290	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Thallium	0.07544	J	0.700	0.0422	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Vanadium	ND		1.00	0.126	mg/Kg		12/22/25 09:27	12/22/25 14:00	5
Zinc	ND		2.50	2.08	mg/Kg		12/22/25 09:27	12/22/25 14:00	5

Lab Sample ID: LCS 705-103438/2-A
Matrix: Solid
Analysis Batch: 103636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 103438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.64		mg/Kg		106	80 - 120
Arsenic	10.0	9.846		mg/Kg		98	80 - 120
Barium	10.0	10.48		mg/Kg		105	80 - 120
Beryllium	10.0	10.92		mg/Kg		109	80 - 120
Cadmium	10.0	10.03		mg/Kg		100	80 - 120
Chromium	10.0	11.09		mg/Kg		111	80 - 120
Cobalt	10.0	11.20		mg/Kg		112	80 - 120
Copper	10.0	11.51		mg/Kg		115	80 - 120
Lead	10.0	11.21		mg/Kg		112	80 - 120
Manganese	10.0	10.62		mg/Kg		106	80 - 120
Nickel	10.0	11.49		mg/Kg		115	80 - 120
Selenium	10.0	10.58		mg/Kg		106	80 - 120
Silver	1.00	1.164		mg/Kg		116	80 - 120
Thallium	10.0	11.45		mg/Kg		115	80 - 120
Vanadium	10.0	10.60		mg/Kg		106	80 - 120
Zinc	10.0	10.63		mg/Kg		106	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-102727/1-A
Matrix: Solid
Analysis Batch: 103468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102727

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		12/19/25 10:54	12/19/25 18:52	1

Lab Sample ID: LCS 705-102727/2-A
Matrix: Solid
Analysis Batch: 103468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.4153		mg/Kg		104	80 - 120

Lab Sample ID: 752-40323-1 MS
Matrix: Solid
Analysis Batch: 103468

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 102727

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.520	0.5501		mg/Kg	☼	106	80 - 120

Lab Sample ID: 752-40323-1 MSD
Matrix: Solid
Analysis Batch: 103468

Client Sample ID: 823-SED-9
Prep Type: Total/NA
Prep Batch: 102727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.520	0.5434		mg/Kg	☼	104	80 - 120	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-734790/19
Matrix: Solid
Analysis Batch: 734790

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	0.06800		mg/L		136	50 - 150

Lab Sample ID: MB 400-734636/1-A
Matrix: Solid
Analysis Batch: 734790

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		0.994	0.318	mg/Kg			12/23/25 10:43	1

Lab Sample ID: LCS 400-734636/2-A
Matrix: Solid
Analysis Batch: 734790

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.5	59.05		mg/Kg		99	90 - 110

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-734348/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 734597
Prep Batch: 734348

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		12/19/25 09:03	12/20/25 03:14	1

Lab Sample ID: LCS 400-734348/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 734597
Prep Batch: 734348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.00	1.956		mg/Kg		98	85 - 115

Lab Sample ID: 752-40323-1 MS
Client Sample ID: 823-SED-9
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 734597
Prep Batch: 734348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	1.06	J F1 F2	388	856.2	F1	mg/Kg	☼	220	75 - 125

Lab Sample ID: 752-40323-1 MSD
Client Sample ID: 823-SED-9
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 734597
Prep Batch: 734348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	1.06	J F1 F2	423	714.9	F1 F2	mg/Kg	☼	169	75 - 125	18	15

Lab Sample ID: 752-40323-2 MS
Client Sample ID: 823-SED-8
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 734597
Prep Batch: 734348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		2.53	2.515		mg/Kg	☼	100	75 - 125

Lab Sample ID: 752-40323-2 MSD
Client Sample ID: 823-SED-8
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 734597
Prep Batch: 734348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND		2.30	2.394		mg/Kg	☼	104	75 - 125	5	15

GC/MS VOA

Analysis Batch: 104245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-11	Trip Blank	Total/NA	Water	8260D	
MB 705-104245/5	Method Blank	Total/NA	Water	8260D	
LCS 705-104245/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-104245/1002	Lab Control Sample	Total/NA	Water	8260D	

Prep Batch: 104255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	5030B	
752-40323-2	823-SED-8	Total/NA	Solid	5030B	
752-40323-3	823-SED-7	Total/NA	Solid	5030B	
752-40323-4	823-SED-6	Total/NA	Solid	5030B	
752-40323-5	823-SED-5	Total/NA	Solid	5030B	
752-40323-6	823-SED-4	Total/NA	Solid	5030B	
752-40323-7	823-SED-3	Total/NA	Solid	5030B	
752-40323-8	823-SED-2	Total/NA	Solid	5030B	
752-40323-9	823-SED-1	Total/NA	Solid	5030B	
752-40323-10	823-Dup-SED	Total/NA	Solid	5030B	

Analysis Batch: 104269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	8260D	104255
752-40323-2	823-SED-8	Total/NA	Solid	8260D	104255
752-40323-3	823-SED-7	Total/NA	Solid	8260D	104255
752-40323-4	823-SED-6	Total/NA	Solid	8260D	104255
752-40323-5	823-SED-5	Total/NA	Solid	8260D	104255
752-40323-6	823-SED-4	Total/NA	Solid	8260D	104255
752-40323-7	823-SED-3	Total/NA	Solid	8260D	104255
752-40323-8	823-SED-2	Total/NA	Solid	8260D	104255
752-40323-9	823-SED-1	Total/NA	Solid	8260D	104255
752-40323-10	823-Dup-SED	Total/NA	Solid	8260D	104255
MB 705-104269/5	Method Blank	Total/NA	Solid	8260D	
LCS 705-104269/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-104269/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-104269/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-104269/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 104634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-11	Trip Blank	Total/NA	Water	8260D	
MB 705-104634/5	Method Blank	Total/NA	Water	8260D	
LCS 705-104634/1003	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 734122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	3546	
MB 400-734122/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-734122/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-40323-1 MS	823-SED-9	Total/NA	Solid	3546	
752-40323-1 MSD	823-SED-9	Total/NA	Solid	3546	

GC/MS Semi VOA

Prep Batch: 734139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	3546	
752-40323-2	823-SED-8	Total/NA	Solid	3546	
752-40323-3	823-SED-7	Total/NA	Solid	3546	
752-40323-4	823-SED-6	Total/NA	Solid	3546	
752-40323-5	823-SED-5	Total/NA	Solid	3546	
752-40323-6	823-SED-4	Total/NA	Solid	3546	
752-40323-7	823-SED-3	Total/NA	Solid	3546	
752-40323-8	823-SED-2	Total/NA	Solid	3546	
752-40323-9	823-SED-1	Total/NA	Solid	3546	
752-40323-10	823-Dup-SED	Total/NA	Solid	3546	
MB 400-734139/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-734139/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-40323-1 MS	823-SED-9	Total/NA	Solid	3546	
752-40323-1 MSD	823-SED-9	Total/NA	Solid	3546	

Prep Batch: 734141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-2	823-SED-8	Total/NA	Solid	3546	
752-40323-3	823-SED-7	Total/NA	Solid	3546	
752-40323-4	823-SED-6	Total/NA	Solid	3546	
752-40323-5	823-SED-5	Total/NA	Solid	3546	
752-40323-6	823-SED-4	Total/NA	Solid	3546	
752-40323-7	823-SED-3	Total/NA	Solid	3546	
752-40323-8	823-SED-2	Total/NA	Solid	3546	
752-40323-9	823-SED-1	Total/NA	Solid	3546	
752-40323-10	823-Dup-SED	Total/NA	Solid	3546	
MB 400-734141/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-734141/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-40323-2 MS	823-SED-8	Total/NA	Solid	3546	
752-40323-2 MSD	823-SED-8	Total/NA	Solid	3546	

Analysis Batch: 734245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	8270E	734122
752-40323-2	823-SED-8	Total/NA	Solid	8270E	734141
MB 400-734122/1-A	Method Blank	Total/NA	Solid	8270E	734122
MB 400-734141/1-A	Method Blank	Total/NA	Solid	8270E	734141
LCS 400-734122/2-A	Lab Control Sample	Total/NA	Solid	8270E	734122
LCS 400-734141/2-A	Lab Control Sample	Total/NA	Solid	8270E	734141
752-40323-1 MS	823-SED-9	Total/NA	Solid	8270E	734122
752-40323-1 MSD	823-SED-9	Total/NA	Solid	8270E	734122
752-40323-2 MS	823-SED-8	Total/NA	Solid	8270E	734141
752-40323-2 MSD	823-SED-8	Total/NA	Solid	8270E	734141

Analysis Batch: 734359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-3	823-SED-7	Total/NA	Solid	8270E	734141
752-40323-4	823-SED-6	Total/NA	Solid	8270E	734141
752-40323-5	823-SED-5	Total/NA	Solid	8270E	734141
752-40323-6	823-SED-4	Total/NA	Solid	8270E	734141
752-40323-7	823-SED-3	Total/NA	Solid	8270E	734141

GC/MS Semi VOA (Continued)

Analysis Batch: 734359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-8	823-SED-2	Total/NA	Solid	8270E	734141
752-40323-9	823-SED-1	Total/NA	Solid	8270E	734141
752-40323-10	823-Dup-SED	Total/NA	Solid	8270E	734141

Analysis Batch: 734439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	8270E SIM ID	734139
752-40323-2	823-SED-8	Total/NA	Solid	8270E SIM ID	734139
752-40323-3	823-SED-7	Total/NA	Solid	8270E SIM ID	734139
752-40323-4	823-SED-6	Total/NA	Solid	8270E SIM ID	734139
752-40323-5	823-SED-5	Total/NA	Solid	8270E SIM ID	734139
752-40323-6	823-SED-4	Total/NA	Solid	8270E SIM ID	734139
752-40323-7	823-SED-3	Total/NA	Solid	8270E SIM ID	734139
752-40323-8	823-SED-2	Total/NA	Solid	8270E SIM ID	734139
752-40323-9	823-SED-1	Total/NA	Solid	8270E SIM ID	734139
752-40323-10	823-Dup-SED	Total/NA	Solid	8270E SIM ID	734139
MB 400-734139/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	734139
LCS 400-734139/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	734139
752-40323-1 MS	823-SED-9	Total/NA	Solid	8270E SIM ID	734139
752-40323-1 MSD	823-SED-9	Total/NA	Solid	8270E SIM ID	734139

HPLC/IC

Analysis Batch: 103774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Soluble	Solid	9056A	103867
752-40323-2	823-SED-8	Soluble	Solid	9056A	103867
752-40323-3	823-SED-7	Soluble	Solid	9056A	103867
752-40323-4	823-SED-6	Soluble	Solid	9056A	103867
752-40323-5	823-SED-5	Soluble	Solid	9056A	103867
752-40323-6	823-SED-4	Soluble	Solid	9056A	103867
752-40323-7	823-SED-3	Soluble	Solid	9056A	103867
752-40323-8	823-SED-2	Soluble	Solid	9056A	103867
752-40323-9	823-SED-1	Soluble	Solid	9056A	103867
752-40323-10	823-Dup-SED	Soluble	Solid	9056A	103867
MB 705-103867/1-A	Method Blank	Soluble	Solid	9056A	103867
LCS 705-103867/2-A	Lab Control Sample	Soluble	Solid	9056A	103867

Analysis Batch: 103775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Soluble	Solid	9056A	103867
752-40323-2	823-SED-8	Soluble	Solid	9056A	103867
752-40323-3	823-SED-7	Soluble	Solid	9056A	103867
752-40323-4	823-SED-6	Soluble	Solid	9056A	103867
752-40323-5	823-SED-5	Soluble	Solid	9056A	103867
752-40323-6	823-SED-4	Soluble	Solid	9056A	103867
752-40323-7	823-SED-3	Soluble	Solid	9056A	103867
752-40323-8	823-SED-2	Soluble	Solid	9056A	103867
752-40323-9	823-SED-1	Soluble	Solid	9056A	103867
752-40323-10	823-Dup-SED	Soluble	Solid	9056A	103867
MB 705-103867/1-A	Method Blank	Soluble	Solid	9056A	103867

HPLC/IC (Continued)

Analysis Batch: 103775 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-103867/2-A	Lab Control Sample	Soluble	Solid	9056A	103867

Leach Batch: 103867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Soluble	Solid	DI Leach	
752-40323-2	823-SED-8	Soluble	Solid	DI Leach	
752-40323-3	823-SED-7	Soluble	Solid	DI Leach	
752-40323-4	823-SED-6	Soluble	Solid	DI Leach	
752-40323-5	823-SED-5	Soluble	Solid	DI Leach	
752-40323-6	823-SED-4	Soluble	Solid	DI Leach	
752-40323-7	823-SED-3	Soluble	Solid	DI Leach	
752-40323-8	823-SED-2	Soluble	Solid	DI Leach	
752-40323-9	823-SED-1	Soluble	Solid	DI Leach	
752-40323-10	823-Dup-SED	Soluble	Solid	DI Leach	
MB 705-103867/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-103867/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Metals

Prep Batch: 102727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	7471B	
752-40323-2	823-SED-8	Total/NA	Solid	7471B	
752-40323-3	823-SED-7	Total/NA	Solid	7471B	
752-40323-4	823-SED-6	Total/NA	Solid	7471B	
752-40323-5	823-SED-5	Total/NA	Solid	7471B	
752-40323-6	823-SED-4	Total/NA	Solid	7471B	
752-40323-7	823-SED-3	Total/NA	Solid	7471B	
752-40323-8	823-SED-2	Total/NA	Solid	7471B	
752-40323-9	823-SED-1	Total/NA	Solid	7471B	
752-40323-10	823-Dup-SED	Total/NA	Solid	7471B	
MB 705-102727/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-102727/2-A	Lab Control Sample	Total/NA	Solid	7471B	
752-40323-1 MS	823-SED-9	Total/NA	Solid	7471B	
752-40323-1 MSD	823-SED-9	Total/NA	Solid	7471B	

Prep Batch: 103438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	3050B	
752-40323-2	823-SED-8	Total/NA	Solid	3050B	
752-40323-3	823-SED-7	Total/NA	Solid	3050B	
752-40323-4	823-SED-6	Total/NA	Solid	3050B	
752-40323-5	823-SED-5	Total/NA	Solid	3050B	
752-40323-6	823-SED-4	Total/NA	Solid	3050B	
752-40323-7	823-SED-3	Total/NA	Solid	3050B	
752-40323-8	823-SED-2	Total/NA	Solid	3050B	
752-40323-9	823-SED-1	Total/NA	Solid	3050B	
752-40323-10	823-Dup-SED	Total/NA	Solid	3050B	
MB 705-103438/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-103438/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals

Analysis Batch: 103468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	7471B	102727
752-40323-2	823-SED-8	Total/NA	Solid	7471B	102727
752-40323-3	823-SED-7	Total/NA	Solid	7471B	102727
752-40323-4	823-SED-6	Total/NA	Solid	7471B	102727
752-40323-5	823-SED-5	Total/NA	Solid	7471B	102727
752-40323-6	823-SED-4	Total/NA	Solid	7471B	102727
752-40323-7	823-SED-3	Total/NA	Solid	7471B	102727
752-40323-8	823-SED-2	Total/NA	Solid	7471B	102727
752-40323-9	823-SED-1	Total/NA	Solid	7471B	102727
752-40323-10	823-Dup-SED	Total/NA	Solid	7471B	102727
MB 705-102727/1-A	Method Blank	Total/NA	Solid	7471B	102727
LCS 705-102727/2-A	Lab Control Sample	Total/NA	Solid	7471B	102727
752-40323-1 MS	823-SED-9	Total/NA	Solid	7471B	102727
752-40323-1 MSD	823-SED-9	Total/NA	Solid	7471B	102727

Analysis Batch: 103636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	6020B	103438
752-40323-2	823-SED-8	Total/NA	Solid	6020B	103438
752-40323-3	823-SED-7	Total/NA	Solid	6020B	103438
752-40323-4	823-SED-6	Total/NA	Solid	6020B	103438
752-40323-5	823-SED-5	Total/NA	Solid	6020B	103438
752-40323-6	823-SED-4	Total/NA	Solid	6020B	103438
752-40323-7	823-SED-3	Total/NA	Solid	6020B	103438
752-40323-8	823-SED-2	Total/NA	Solid	6020B	103438
752-40323-9	823-SED-1	Total/NA	Solid	6020B	103438
752-40323-10	823-Dup-SED	Total/NA	Solid	6020B	103438
MB 705-103438/1-A	Method Blank	Total/NA	Solid	6020B	103438
LCS 705-103438/2-A	Lab Control Sample	Total/NA	Solid	6020B	103438

Analysis Batch: 103942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	6020B	103438
752-40323-4	823-SED-6	Total/NA	Solid	6020B	103438
752-40323-8	823-SED-2	Total/NA	Solid	6020B	103438

General Chemistry

Prep Batch: 734348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	3060A	
752-40323-2	823-SED-8	Total/NA	Solid	3060A	
752-40323-3	823-SED-7	Total/NA	Solid	3060A	
752-40323-4	823-SED-6	Total/NA	Solid	3060A	
752-40323-5	823-SED-5	Total/NA	Solid	3060A	
752-40323-6	823-SED-4	Total/NA	Solid	3060A	
752-40323-7	823-SED-3	Total/NA	Solid	3060A	
752-40323-8	823-SED-2	Total/NA	Solid	3060A	
752-40323-9	823-SED-1	Total/NA	Solid	3060A	
752-40323-10	823-Dup-SED	Total/NA	Solid	3060A	
MB 400-734348/1-A	Method Blank	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 734348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-734348/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-40323-1 MS	823-SED-9	Total/NA	Solid	3060A	
752-40323-1 MSD	823-SED-9	Total/NA	Solid	3060A	
752-40323-2 MS	823-SED-8	Total/NA	Solid	3060A	
752-40323-2 MSD	823-SED-8	Total/NA	Solid	3060A	

Analysis Batch: 734417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	Moisture	
752-40323-2	823-SED-8	Total/NA	Solid	Moisture	
752-40323-3	823-SED-7	Total/NA	Solid	Moisture	
752-40323-4	823-SED-6	Total/NA	Solid	Moisture	
752-40323-5	823-SED-5	Total/NA	Solid	Moisture	
752-40323-6	823-SED-4	Total/NA	Solid	Moisture	
752-40323-7	823-SED-3	Total/NA	Solid	Moisture	
752-40323-8	823-SED-2	Total/NA	Solid	Moisture	
752-40323-9	823-SED-1	Total/NA	Solid	Moisture	
752-40323-10	823-Dup-SED	Total/NA	Solid	Moisture	
752-40323-3 DU	823-SED-7	Total/NA	Solid	Moisture	

Analysis Batch: 734597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Total/NA	Solid	7199	734348
752-40323-2	823-SED-8	Total/NA	Solid	7199	734348
752-40323-3	823-SED-7	Total/NA	Solid	7199	734348
752-40323-4	823-SED-6	Total/NA	Solid	7199	734348
752-40323-5	823-SED-5	Total/NA	Solid	7199	734348
752-40323-6	823-SED-4	Total/NA	Solid	7199	734348
752-40323-7	823-SED-3	Total/NA	Solid	7199	734348
752-40323-8	823-SED-2	Total/NA	Solid	7199	734348
752-40323-9	823-SED-1	Total/NA	Solid	7199	734348
752-40323-10	823-Dup-SED	Total/NA	Solid	7199	734348
MB 400-734348/1-A	Method Blank	Total/NA	Solid	7199	734348
LCS 400-734348/2-A	Lab Control Sample	Total/NA	Solid	7199	734348
752-40323-1 MS	823-SED-9	Total/NA	Solid	7199	734348
752-40323-1 MSD	823-SED-9	Total/NA	Solid	7199	734348
752-40323-2 MS	823-SED-8	Total/NA	Solid	7199	734348
752-40323-2 MSD	823-SED-8	Total/NA	Solid	7199	734348

Leach Batch: 734636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Soluble	Solid	DI Leach	
752-40323-2	823-SED-8	Soluble	Solid	DI Leach	
752-40323-3	823-SED-7	Soluble	Solid	DI Leach	
752-40323-4	823-SED-6	Soluble	Solid	DI Leach	
752-40323-5	823-SED-5	Soluble	Solid	DI Leach	
752-40323-6	823-SED-4	Soluble	Solid	DI Leach	
752-40323-7	823-SED-3	Soluble	Solid	DI Leach	
752-40323-8	823-SED-2	Soluble	Solid	DI Leach	
752-40323-9	823-SED-1	Soluble	Solid	DI Leach	
752-40323-10	823-Dup-SED	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Leach Batch: 734636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-734636/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-734636/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 734790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-40323-1	823-SED-9	Soluble	Solid	350.1	734636
752-40323-2	823-SED-8	Soluble	Solid	350.1	734636
752-40323-3	823-SED-7	Soluble	Solid	350.1	734636
752-40323-4	823-SED-6	Soluble	Solid	350.1	734636
752-40323-5	823-SED-5	Soluble	Solid	350.1	734636
752-40323-6	823-SED-4	Soluble	Solid	350.1	734636
752-40323-7	823-SED-3	Soluble	Solid	350.1	734636
752-40323-8	823-SED-2	Soluble	Solid	350.1	734636
752-40323-9	823-SED-1	Soluble	Solid	350.1	734636
752-40323-10	823-Dup-SED	Soluble	Solid	350.1	734636
MB 400-734636/1-A	Method Blank	Soluble	Solid	350.1	734636
LCS 400-734636/2-A	Lab Control Sample	Soluble	Solid	350.1	734636
MRL 400-734790/19	Lab Control Sample	Total/NA	Solid	350.1	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1
Date Collected: 12/15/25 09:45
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-9
Lab Sample ID: 752-40323-1
Date Collected: 12/15/25 09:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 74.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 18:04
Total/NA	Prep	3546			734122	AP	EET PEN	12/17/25 15:32
Total/NA	Analysis	8270E		1	734245	VC1	EET PEN	12/18/25 18:28
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 17:08
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 04:42
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 04:42
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 14:21
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103942	IF	EET ATL	12/23/25 14:13
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 18:59
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:28
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 03:39

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2
Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2
Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 18:25
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734245	VC1	EET PEN	12/19/25 02:33

Client Sample ID: 823-SED-8
Lab Sample ID: 752-40323-2

Date Collected: 12/15/25 10:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 17:29
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 04:54
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 04:54
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 14:24
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:15
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:30
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 04:17

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3

Date Collected: 12/15/25 10:45
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-7
Lab Sample ID: 752-40323-3

Date Collected: 12/15/25 10:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 18:46
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 15:08
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 17:50
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 05:05
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 05:05
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 14:48
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:18
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:33
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 04:55

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4
Date Collected: 12/15/25 11:15
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-6
Lab Sample ID: 752-40323-4
Date Collected: 12/15/25 11:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 19:07
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 15:39
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 18:12
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 05:16
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 05:16
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 14:51
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103942	IF	EET ATL	12/23/25 14:16
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:22
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:36
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 05:08

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5
Date Collected: 12/15/25 11:45
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5
Date Collected: 12/15/25 11:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 19:27
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 16:09

Client Sample ID: 823-SED-5
Lab Sample ID: 752-40323-5

Date Collected: 12/15/25 11:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 18:33
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 05:28
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 05:28
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 14:54
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:25
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:41
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 05:46

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6

Date Collected: 12/15/25 12:15
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-4
Lab Sample ID: 752-40323-6

Date Collected: 12/15/25 12:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 19:48
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 16:40
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 18:54
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 05:39
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 05:39
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 14:57
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:28
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:43
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 05:58

Client Sample ID: 823-SED-3 — **Lab Sample ID: 752-40323-7**
Date Collected: 12/15/25 12:45 — **Matrix: Solid**
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-3 — **Lab Sample ID: 752-40323-7**
Date Collected: 12/15/25 12:45 — **Matrix: Solid**
Date Received: 12/15/25 17:06 — **Percent Solids: 81.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 20:09
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 17:10
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 19:15
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 05:50
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 05:50
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:00
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:31
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:46
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 06:11

Client Sample ID: 823-SED-2 — **Lab Sample ID: 752-40323-8**
Date Collected: 12/15/25 13:15 — **Matrix: Solid**
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-2 — **Lab Sample ID: 752-40323-8**
Date Collected: 12/15/25 13:15 — **Matrix: Solid**
Date Received: 12/15/25 17:06 — **Percent Solids: 67.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 20:30
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 17:40
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 19:36

Client Sample ID: 823-SED-2
Lab Sample ID: 752-40323-8

Date Collected: 12/15/25 13:15
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 67.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 06:02
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 06:02
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:03
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103942	IF	EET ATL	12/23/25 14:19
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:35
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:49
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 06:24

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9

Date Collected: 12/15/25 13:45
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-SED-1
Lab Sample ID: 752-40323-9

Date Collected: 12/15/25 13:45
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 20:50
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 18:11
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 19:57
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 06:47
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 06:47
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:06
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:38
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 11:51
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 06:36

Lab Chronicle

Client: S&ME Inc
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10
Date Collected: 12/15/25 00:00
Matrix: Solid
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734417	TMP	EET PEN	12/19/25 11:18

Client Sample ID: 823-Dup-SED
Lab Sample ID: 752-40323-10
Date Collected: 12/15/25 00:00
Matrix: Solid
Date Received: 12/15/25 17:06
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			104255	RC	EET ATL	12/26/25 14:13
Total/NA	Analysis	8260D		1	104269	RC	EET ATL 1	12/26/25 21:11
Total/NA	Prep	3546			734141	AP	EET PEN	12/17/25 17:07
Total/NA	Analysis	8270E		1	734359	VC1	EET PEN	12/19/25 18:41
Total/NA	Prep	3546			734139	AP	EET PEN	12/17/25 16:49
Total/NA	Analysis	8270E SIM ID		2	734439	VC1	EET PEN	12/19/25 20:18
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103774	MS	EET ATL	12/24/25 06:58
Soluble	Leach	DI Leach			103867	MS	EET ATL	12/23/25 13:57
Soluble	Analysis	9056A		1	103775	MS	EET ATL	12/24/25 06:58
Total/NA	Prep	3050B			103438	BR	EET ATL	12/22/25 09:27
Total/NA	Analysis	6020B		5	103636	IF	EET ATL	12/22/25 15:10
Total/NA	Prep	7471B			102727	KB	EET ATL	12/19/25 10:54
Total/NA	Analysis	7471B		1	103468	TA	EET ATL	12/19/25 19:48
Soluble	Leach	DI Leach			734636	CAC	EET PEN	12/22/25 13:58
Soluble	Analysis	350.1		1	734790	CAC	EET PEN	12/23/25 12:06
Total/NA	Prep	3060A			734348	AC	EET PEN	12/19/25 09:03
Total/NA	Analysis	7199		1	734597	AR	EET PEN	12/20/25 06:49

Client Sample ID: Trip Blank
Lab Sample ID: 752-40323-11
Date Collected: 12/15/25 00:00
Matrix: Water
Date Received: 12/15/25 17:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	104245	Y1S	EET ATL	12/26/25 21:10
Total/NA	Analysis	8260D		1	104634	CN	EET ATL 1	12/29/25 12:01

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 1 = Eurofins Atlanta Building B, 3785 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: 752-40323-1
Project/Site: East End Park, Durham, NC

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	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	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	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
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
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL 1
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7471B	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET ATL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
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 1 = Eurofins Atlanta Building B, 3785 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
Job ID: 752-40323-1
Project/Site: East End Park, Durham, NC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-40323-1	823-SED-9	Solid	12/15/25 09:45	12/15/25 17:06	North Carolina
752-40323-2	823-SED-8	Solid	12/15/25 10:15	12/15/25 17:06	North Carolina
752-40323-3	823-SED-7	Solid	12/15/25 10:45	12/15/25 17:06	North Carolina
752-40323-4	823-SED-6	Solid	12/15/25 11:15	12/15/25 17:06	North Carolina
752-40323-5	823-SED-5	Solid	12/15/25 11:45	12/15/25 17:06	North Carolina
752-40323-6	823-SED-4	Solid	12/15/25 12:15	12/15/25 17:06	North Carolina
752-40323-7	823-SED-3	Solid	12/15/25 12:45	12/15/25 17:06	North Carolina
752-40323-8	823-SED-2	Solid	12/15/25 13:15	12/15/25 17:06	North Carolina
752-40323-9	823-SED-1	Solid	12/15/25 13:45	12/15/25 17:06	North Carolina
752-40323-10	823-Dup-SED	Solid	12/15/25 00:00	12/15/25 17:06	North Carolina
752-40323-11	Trip Blank	Water	12/15/25 00:00	12/15/25 17:06	North Carolina

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Brandon Guerino	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170044-59851.1
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: Standard			
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 #: 23050630BK			
Email: jpaul@smeinc.com	WO #:			
Project Name: East End Park, Durham, NC	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

752-40323 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)	350.1 - Ammonia as N	8270E - SVOCs, 8270E_SIM_ID_D5 - 1,4-Dioxane	8260D - VOC NC 02L List	6020B_LL - PRLF 16 Metals; 7473 - Hg	9056A - Nitrate, 9056A - Sulfate	7199 - Hexavalent Chromium	8260D - VOC NC 02L List (Water - Trip Blank)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	PL	N	N	N	A		
823-SED-9	12/15/25	0945	G	S		X	X	X	X	X	X	X			
823-SED-8		1015				X	X	X	X	X	X	X			
823-SED-7		1045				X	X	X	X	X	X	X			
823-SED-6		1115				X	X	X	X	X	X	X			
823-SED-5		1145				X	X	X	X	X	X	X			
823-SED-4		1215				X	X	X	X	X	X	X			
823-SED-3		1245				X	X	X	X	X	X	X			
823-SED-2		1315				X	X	X	X	X	X	X			
823-SED-1		1345				X	X	X	X	X	X	X			
[redacted] 823-DUP-SED	↓	—	↓	↓		X	X	X	X	X	X	X			
Trip Blank	—	—	—	W									X		

Initial Temperature: 5.0 °C
Correction Factor: -0.2°C
Corrected Temperature: 4.8 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO MH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	12/15/25 1706	S&ME	[signature]	12/15/25 1706	
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: 752-7533.1
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 #: 752-40323-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/18/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park, Durham, NC	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:										
823-SED-9 (752-40323-1)	12/15/25	09 45 Eastern	G	Solid			X	X	X	X	X		
823-SED-8 (752-40323-2)	12/15/25	10 15 Eastern	G	Solid			X	X	X	X	X		
823-SED-7 (752-40323-3)	12/15/25	10 45 Eastern	G	Solid			X	X	X	X	X		
823-SED-6 (752-40323-4)	12/15/25	11 15 Eastern	G	Solid			X	X	X	X	X		
823-SED-5 (752-40323-5)	12/15/25	11 45 Eastern	G	Solid			X	X	X	X	X		
823-SED-4 (752-40323-6)	12/15/25	12.15 Eastern	G	Solid			X	X	X	X	X		
823-SED-3 (752-40323-7)	12/15/25	12:45 Eastern	G	Solid			X	X	X	X	X		
823-SED-2 (752-40323-8)	12/15/25	13.15 Eastern	G	Solid			X	X	X	X	X		
823-SED-1 (752-40323-9)	12/15/25	13 45 Eastern	G	Solid			X	X	X	X	X		

Note: Since laboratory accreditations are subject to change Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	BR	12/16/25 1600			12/17/25 0918	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 0.0°C IR11

Ver 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7533.2
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 #: 752-40323-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 12/18/2025	Analysis Requested		Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: East End Park, Durham, NC	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:										
823-Dup-SED (752-40323-10)	12/15/25	Eastern	G	Solid			X	X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification: 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: BR	Date/Time: 12/16/25 1600	Company	Received by:	Date/Time: 12/17/25 1918	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: 0.0°C IR

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-40323-1

Login Number: 40323

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: 752-40323-1

Login Number: 40323
List Number: 3
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta
List Creation: 12/17/25 03:07 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: 752-40323-1

Login Number: 40323
List Number: 2
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 12/17/25 01:42 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 IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV– NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-1 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-1 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
16	J	67-64-1	Acetone			ug/m^3	LFGP-1		
2.4	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1		
3.1	J	67-63-0	Isopropanol			ug/m^3	LFGP-1		
22		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-1		
8.9		108-88-3	Toluene			ug/m^3	LFGP-1		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

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	6.1E-08	1.7E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.7E-09	1.3E-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: NONCD0000823

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
67-64-1	Acetone	16	0.48	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.072	-	2.1E+01		6.9E-04
67-63-0	Isopropanol	3.1	0.093	-	4.2E+01		4.5E-04
127-18-4	Tetrachloroethylene	22	0.66	1.1E+01	8.3E+00	6.1E-08	1.6E-02
108-88-3	Toluene	8.9	0.267	-	1.0E+03		5.1E-05
					Cumulative:	6.1E-08	1.7E-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: NONCD0000823

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
67-64-1	Acetone	16	0.16	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.024	-	8.8E+01		5.5E-05
67-63-0	Isopropanol	3.1	0.031	-	1.8E+02		3.5E-05
127-18-4	Tetrachloroethylene	22	0.22	4.7E+01	3.5E+01	4.7E-09	1.3E-03
108-88-3	Toluene	8.9	0.089	-	4.4E+03		4.1E-06
					Cumulative:	4.7E-09	1.3E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-2 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-2 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
11	J	67-64-1	Acetone			ug/m^3	LFGP-2		
2.2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2		
730		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-2		
2.8	J	108-88-3	Toluene			ug/m^3	LFGP-2		
2.5	J	79-01-6	Trichloroethylene			ug/m^3	LFGP-2		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.0E-06	5.3E-01	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.5E-07	4.2E-02	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: NONCD0000823

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	11	0.33	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.066	-	2.1E+01		6.3E-04
67-63-0	Isopropanol			-	4.2E+01		
127-18-4	Tetrachloroethylene	730	21.9	1.1E+01	8.3E+00	**2.0E-06**	**5.3E-01**
108-88-3	Toluene	2.8	0.084	-	1.0E+03		1.6E-05
					Cumulative:	2.0E-06	5.3E-01

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: NONCD0000823

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	11	0.11	-	-		
75-71-8	Dichlorodifluoromethane	2.2	0.022	-	8.8E+01		5.0E-05
67-63-0	Isopropanol			-	1.8E+02		
127-18-4	Tetrachloroethylene	730	7.3	4.7E+01	3.5E+01	1.5E-07	4.2E-02
108-88-3	Toluene	2.8	0.028	-	4.4E+03		1.3E-06
					Cumulative:	1.5E-07	4.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-3 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-3 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
20		67-64-1	Acetone			ug/m^3	LFGP-3		
2.7	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-3		
1.3	J	110-54-3	Hexane, N-			ug/m^3	LFGP-3		
3.1	J	67-63-0	Isopropanol			ug/m^3	LFGP-3		
9.8		108-88-3	Toluene			ug/m^3	LFGP-3		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	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.

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: NONCD0000823

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	20	0.6	-	-		
75-71-8	Dichlorodifluoromethane	2.7	0.081	-	2.1E+01		7.8E-04
110-54-3	Hexane, N-	1.3	0.039	-	1.5E+02		5.3E-05
67-63-0	Isopropanol	3.1	0.093	-	4.2E+01		4.5E-04
108-88-3	Toluene	9.8	0.294	-	1.0E+03		5.6E-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: NONCD0000823

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	20	0.2	-	-		
75-71-8	Dichlorodifluoromethane	2.7	0.027	-	8.8E+01		6.2E-05
110-54-3	Hexane, N-	1.3	0.013	-	6.1E+02		4.2E-06
67-63-0	Isopropanol	3.1	0.031	-	1.8E+02		3.5E-05
108-88-3	Toluene	9.8	0.098	-	4.4E+03		4.5E-06
					Cumulative:	0.0E+00	1.1E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	2/19/2026
Prepared By:	Macy Courtney
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-4 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was collected here. The highest concetration between the two was input into the calculator.

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
19		67-64-1	Acetone			ug/m^3	LFGP-4		
2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-4		
3.8	J	67-63-0	Isopropanol			ug/m^3	LFGP-4		
210		127-18-4	Tetrachloroethylene			ug/m^3	DUP-1		
7.3		108-88-3	Toluene			ug/m^3	LFGP-4		
3.7	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-4		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	5.8E-07	1.5E-01	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.5E-08	1.2E-02	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: NONCD0000823

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	19	0.57	-	-		
75-71-8	Dichlorodifluoromethane	2	0.06	-	2.1E+01		5.8E-04
67-63-0	Isopropanol	3.8	0.114	-	4.2E+01		5.5E-04
127-18-4	Tetrachloroethylene	210	6.3	1.1E+01	8.3E+00	5.8E-07	1.5E-01
108-88-3	Toluene	7.3	0.219	-	1.0E+03		4.2E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	3.7	0.111	-	1.0E+03		2.1E-05
					Cumulative:	5.8E-07	1.5E-01

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: NONCD0000823

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	19	0.19	-	-		
75-71-8	Dichlorodifluoromethane	2	0.02	-	8.8E+01		4.6E-05
67-63-0	Isopropanol	3.8	0.038	-	1.8E+02		4.3E-05
127-18-4	Tetrachloroethylene	210	2.1	4.7E+01	3.5E+01	4.5E-08	1.2E-02
108-88-3	Toluene	7.3	0.073	-	4.4E+03		3.3E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	3.7	0.037	-	4.4E+03		1.7E-06
					Cumulative:	4.5E-08	1.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-5 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
120		110-82-7	Cyclohexane			ug/m^3	LFGP-5		
17	J	142-82-5	Heptane, N-			ug/m^3	LFGP-5		
84		110-54-3	Hexane, N-			ug/m^3	LFGP-5		
5.5	reported as m+p-Xylenes	108-38-3	Xylene, m-			ug/m^3	LFGP-5		
5.5	reported as m+p-Xylenes	106-42-3	Xylene, p-			ug/m^3	LFGP-5		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	8.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.7E-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.

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: NONCD0000823

Exposure Unit ID: LFGP-5 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
110-82-7	Cyclohexane	120	3.6	-	1.3E+03		5.8E-04
142-82-5	Heptane, N-	17	0.51	-	8.3E+01		1.2E-03
110-54-3	Hexane, N-	84	2.52	-	1.5E+02		3.5E-03
108-38-3	Xylene, m-	5.5	0.165	-	2.1E+01		1.6E-03
106-42-3	Xylene, p-	5.5	0.165	-	2.1E+01		1.6E-03
					Cumulative:	0.0E+00	8.4E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-5 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
110-82-7	Cyclohexane	120	1.2	-	5.3E+03		4.6E-05
142-82-5	Heptane, N-	17	0.17	-	3.5E+02		9.7E-05
110-54-3	Hexane, N-	84	0.84	-	6.1E+02		2.7E-04
108-38-3	Xylene, m-	5.5	0.055	-	8.8E+01		1.3E-04
106-42-3	Xylene, p-	5.5	0.055	-	8.8E+01		1.3E-04
					Cumulative:	0.0E+00	6.7E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-6 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-6 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
14	J	67-64-1	Acetone			ug/m^3	LFGP-6		
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-6		
7.9		108-88-3	Toluene			ug/m^3	LFGP-6		
75		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-6		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	0.0E+00	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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: NONCD0000823

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	14	0.42	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
108-88-3	Toluene	7.9	0.237	-	1.0E+03		4.5E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	75	2.25	-	1.0E+03		4.3E-04
					Cumulative:	0.0E+00	9.9E-04

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: NONCD0000823

Exposure Unit ID: LFGP-6 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	14	0.14	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
108-88-3	Toluene	7.9	0.079	-	4.4E+03		3.6E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	75	0.75	-	4.4E+03		3.4E-05
					Cumulative:	0.0E+00	7.9E-05

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-7 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-7 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
5.6		67-66-3	Chloroform			ug/m^3	LFGP-7		
2	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-7		
5.5		108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)			ug/m^3	LFGP-7		
6.2		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-7		
2	J	108-88-3	Toluene			ug/m^3	LFGP-7		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	5.9E-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	4.7E-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.

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: NONCD0000823

Exposure Unit ID: LFGP-7 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-66-3	Chloroform	5.6	0.168	1.2E-01	4.1E-01	**1.4E-06**	8.3E-02
75-71-8	Dichlorodifluoromethane	2	0.06	-	2.1E+01		5.8E-04
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	5.5	0.165	-	6.3E+02		5.3E-05
127-18-4	Tetrachloroethylene	6.2	0.186	1.1E+01	8.3E+00	1.7E-08	4.5E-03
108-88-3	Toluene	2	0.06	-	1.0E+03		1.2E-05
					Cumulative:	1.4E-06	8.8E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-7 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-66-3	Chloroform	5.6	0.056	5.3E-01	1.7E+00	1.1E-07	6.6E-03
75-71-8	Dichlorodifluoromethane	2	0.02	-	8.8E+01		4.6E-05
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	5.5	0.055	-	2.6E+03		4.2E-06
127-18-4	Tetrachloroethylene	6.2	0.062	4.7E+01	3.5E+01	1.3E-09	3.5E-04
108-88-3	Toluene	2	0.02	-	4.4E+03		9.1E-07
					Cumulative:	1.1E-07	7.0E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-8 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-8 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
13	J	67-64-1	Acetone			ug/m^3	LFGP-8		
5.9		71-43-2	Benzene			ug/m^3	LFGP-8		
3.4		110-82-7	Cyclohexane			ug/m^3	LFGP-8		
1.9	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-8		
1.6	J	142-82-5	Heptane, N-			ug/m^3	LFGP-8		
7		110-54-3	Hexane, N-			ug/m^3	LFGP-8		
7.6		67-63-0	Isopropanol			ug/m^3	LFGP-8		
1.7	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-8		
13		108-88-3	Toluene			ug/m^3	LFGP-8		
6.1		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-8		
2.1	J	75-69-4	Trichlorofluoromethane			ug/m^3	LFGP-8		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.2E-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	4.9E-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.

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: NONCD0000823

Exposure Unit ID: LFGP-8 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	13	0.39	-	-		
71-43-2	Benzene	5.9	0.177	3.6E-01	6.3E+00	4.9E-07	5.7E-03
110-82-7	Cyclohexane	3.4	0.102	-	1.3E+03		1.6E-05
75-71-8	Dichlorodifluoromethane	1.9	0.057	-	2.1E+01		5.5E-04
142-82-5	Heptane, N-	1.6	0.048	-	8.3E+01		1.2E-04
110-54-3	Hexane, N-	7	0.21	-	1.5E+02		2.9E-04
67-63-0	Isopropanol	7.6	0.228	-	4.2E+01		1.1E-03
75-09-2	Methylene Chloride	1.7	0.051	1.0E+02	1.3E+02	5.0E-10	8.2E-05
108-88-3	Toluene	13	0.39	-	1.0E+03		7.5E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	6.1	0.183	-	1.0E+03		3.5E-05
75-69-4	Trichlorofluoromethane	2.1	0.063	-	-		
					Cumulative:	4.9E-07	7.9E-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: NONCD0000823

Exposure Unit ID: LFGP-8 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	13	0.13	-	-		
71-43-2	Benzene	5.9	0.059	1.6E+00	2.6E+01	3.8E-08	4.5E-04
110-82-7	Cyclohexane	3.4	0.034	-	5.3E+03		1.3E-06
75-71-8	Dichlorodifluoromethane	1.9	0.019	-	8.8E+01		4.3E-05
142-82-5	Heptane, N-	1.6	0.016	-	3.5E+02		9.1E-06
110-54-3	Hexane, N-	7	0.07	-	6.1E+02		2.3E-05
67-63-0	Isopropanol	7.6	0.076	-	1.8E+02		8.7E-05
75-09-2	Methylene Chloride	1.7	0.017	1.2E+03	5.3E+02	1.4E-11	6.5E-06
108-88-3	Toluene	13	0.13	-	4.4E+03		5.9E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	6.1	0.061	-	4.4E+03		2.8E-06
75-69-4	Trichlorofluoromethane	2.1	0.021	-	-		
					Cumulative:	3.8E-08	6.3E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-9 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-9 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
9.7	J	67-64-1	Acetone			ug/m^3	LFGP-9		
1.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-9		
5.4		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-9		
52		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-9		

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-9 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	7.3E-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	5.8E-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.

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: NONCD0000823

Exposure Unit ID: LFGP-9 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	9.7	0.291	-	-		
75-71-8	Dichlorodifluoromethane	1.5	0.045	-	2.1E+01		4.3E-04
127-18-4	Tetrachloroethylene	5.4	0.162	1.1E+01	8.3E+00	1.5E-08	3.9E-03
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	52	1.56	-	1.0E+03		3.0E-04
					Cumulative:	1.5E-08	4.6E-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: NONCD0000823

Exposure Unit ID: LFGP-9 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	9.7	0.097	-	-		
75-71-8	Dichlorodifluoromethane	1.5	0.015	-	8.8E+01		3.4E-05
127-18-4	Tetrachloroethylene	5.4	0.054	4.7E+01	3.5E+01	1.1E-09	3.1E-04
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	52	0.52	-	4.4E+03		2.4E-05
					Cumulative:	1.1E-09	3.7E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park
Site Address:	1200 N. Alston Avenue, Durham, North Carolina
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	LFGP-10 Risk Assessment
Submittal Date:	2/13/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-10 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.0E-08	5.9E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.5E-09	4.7E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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: NONCD0000823

Exposure Unit ID: LFGP-10 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	8.2	0.246	-	-		
67-66-3	Chloroform	2.8	0.084	1.2E-01	4.1E-01	6.9E-07	4.1E-02
75-71-8	Dichlorodifluoromethane	1.6	0.048	-	2.1E+01		4.6E-04
127-18-4	Tetrachloroethylene	7.3	0.219	1.1E+01	8.3E+00	2.0E-08	5.3E-03
108-88-3	Toluene	2.1	0.063	-	1.0E+03		1.2E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	34	1.02	-	1.0E+03		2.0E-04
					Cumulative:	7.1E-07	4.7E-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: NONCD0000823

Exposure Unit ID: LFGP-10 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	8.2	0.082	-	-		
67-66-3	Chloroform	2.8	0.028	5.3E-01	1.7E+00	5.3E-08	3.3E-03
75-71-8	Dichlorodifluoromethane	1.6	0.016	-	8.8E+01		3.7E-05
127-18-4	Tetrachloroethylene	7.3	0.073	4.7E+01	3.5E+01	1.5E-09	4.2E-04
108-88-3	Toluene	2.1	0.021	-	4.4E+03		9.6E-07
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	34	0.34	-	4.4E+03		1.6E-05
					Cumulative:	5.4E-08	3.7E-03

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: LFGP-10 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits
8.2	J	67-64-1	Acetone			ug/m^3	LFGP-10		
2.8	J	67-66-3	Chloroform			ug/m^3	LFGP-10		
1.6	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-10		
7.3		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-10		
2.1	J	108-88-3	Toluene			ug/m^3	LFGP-10		
34		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-10		

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	3/3/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-1 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
1.75		7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
30.1	B	7440-39-3	Barium			mg/kg	SED-1									
0.0506	J	100-52-7	Benzaldehyde			mg/kg	SED-1									
0.269	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.163	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
16.1		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
5.38		7440-48-4	Cobalt			mg/kg	SED-1									
16.9	B	7440-50-8	Copper			mg/kg	SED-1									
39.8		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
157		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
16.7	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
0.0395	J	120-12-7	~Anthracene			mg/kg	SED-1									
0.296	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
0.312	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.457		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.158	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-1									
0.34	J	218-01-9	~Chrysene			mg/kg	SED-1									
0.0498	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-1									
0.709		206-44-0	~Fluoranthene			mg/kg	SED-1									
0.225	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
0.607		129-00-0	~Pyrene			mg/kg	SED-1									
0.184	J	7782-49-2	Selenium			mg/kg	SED-1									
0.0178	J B	7440-22-4	Silver			mg/kg	SED-1									
0.0424	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-1									
19.7		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
62.4		7440-66-6	Zinc and Compounds			mg/kg	SED-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	6.6E-06	5.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	8.0E-07	3.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.8E-06	2.3E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	1.75	1.75	1.75	**2.3E-06**	3.2E-07	4.5E-11	2.6E-06	4.5E-02	5.3E-03	1.9E-06	5.0E-02
7440-39-3	Barium	30.1	30.1	30.1					1.9E-03		9.7E-07	1.9E-03
100-52-7	Benzaldehyde	0.0506	0.0506	0.0506	2.9E-10			2.9E-10	6.5E-06			6.5E-06
7440-41-7	Beryllium and compounds	0.269	0.269	0.269			3.9E-12	3.9E-12	1.7E-03		2.2E-07	1.7E-03
7440-43-9	Cadmium (Diet)	0.163	0.163	0.163			1.8E-12	1.8E-12	2.1E-02	2.0E-03	2.6E-07	2.3E-02
16065-83-1	Chromium(III), Insoluble Salts	16.1	16.1	16.1					1.4E-04			1.4E-04
7440-48-4	Cobalt	5.38	5.38	5.38			2.9E-10	2.9E-10	**2.3E-01**		1.4E-05	**2.3E-01**
7440-50-8	Copper	16.9	16.9	16.9					5.4E-03			5.4E-03
7439-92-1	~Lead and Compounds	39.8	39.8	39.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	157	157	157					8.4E-02		5.1E-05	8.4E-02
7440-02-0	Nickel Soluble Salts	16.7	16.7	16.7			2.6E-11	2.6E-11	1.1E-02		2.7E-05	1.1E-02
120-12-7	~Anthracene	0.0395	0.0395	0.0395					1.7E-06	5.2E-07		2.2E-06
56-55-3	~Benz[a]anthracene	0.296	0.296	0.296	1.9E-07	6.4E-08	3.7E-09	2.6E-07				
50-32-8	~Benzo[a]pyrene	0.312	0.312	0.312	**2.0E-06**	6.8E-07	3.1E-12	2.7E-06	1.3E-02	4.1E-03	2.5E-06	1.7E-02
205-99-2	~Benzo[b]fluoranthene	0.457	0.457	0.457	3.0E-07	1.0E-07	4.6E-13	4.0E-07				
207-08-9	~Benzo[k]fluoranthene	0.158	0.158	0.158	1.0E-08	3.4E-09	1.6E-14	1.4E-08				
218-01-9	~Chrysene	0.34	0.34	0.34	2.2E-09	7.4E-10	3.4E-15	3.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0498	0.0498	0.0498	3.3E-07	1.1E-07	5.0E-13	4.3E-07				
206-44-0	~Fluoranthene	0.709	0.709	0.709					2.3E-04	7.0E-05		3.0E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.225	0.225	0.225	1.5E-07	4.9E-08	2.2E-13	2.0E-07				
129-00-0	~Pyrene	0.607	0.607	0.607					2.6E-04	8.0E-05		3.4E-04
7782-49-2	Selenium	0.184	0.184	0.184					4.7E-04		1.5E-10	4.7E-04
7440-22-4	Silver	0.0178	0.0178	0.0178					4.6E-05			4.6E-05
7440-28-0	Thallium (Soluble Salts)	0.0424	0.0424	0.0424					5.4E-02			5.4E-02
7440-62-2	Vanadium and Compounds	19.7	19.7	19.7					5.0E-02		3.2E-06	5.0E-02
7440-66-6	Zinc and Compounds	62.4	62.4	62.4					2.7E-03			2.7E-03
						Cumulative:		6.6E-06				5.3E-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: NONCD0000823

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	1.75	1.75	1.75	4.8E-07	1.0E-07	1.0E-11	5.8E-07	3.0E-03	6.3E-04	4.5E-07	3.6E-03
7440-39-3	Barium	30.1	30.1	30.1					1.3E-04		2.3E-07	1.3E-04
100-52-7	Benzaldehyde	0.0506	0.0506	0.0506	6.2E-11			6.2E-11	4.3E-07			4.3E-07
7440-41-7	Beryllium and compounds	0.269	0.269	0.269			8.9E-13	8.9E-13	1.2E-04		5.2E-08	1.2E-04
7440-43-9	Cadmium (Diet)	0.163	0.163	0.163			4.0E-13	4.0E-13	1.4E-03	2.4E-04	6.3E-08	1.6E-03
16065-83-1	Chromium(III), Insoluble Salts	16.1	16.1	16.1					9.2E-06			9.2E-06
7440-48-4	Cobalt	5.38	5.38	5.38			6.7E-11	6.7E-11	1.5E-02		3.5E-06	1.5E-02
7440-50-8	Copper	16.9	16.9	16.9					3.6E-04			3.6E-04
7439-92-1	~Lead and Compounds	39.8	39.8	39.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	157	157	157					5.6E-03		1.2E-05	5.6E-03
7440-02-0	Nickel Soluble Salts	16.7	16.7	16.7			6.0E-12	6.0E-12	7.1E-04		6.4E-06	7.2E-04
120-12-7	~Anthracene	0.0395	0.0395	0.0395					1.1E-07	6.2E-08		1.7E-07
56-55-3	~Benz[a]anthracene	0.296	0.296	0.296	9.1E-09	5.0E-09	3.1E-10	1.4E-08				
50-32-8	~Benzo[a]pyrene	0.312	0.312	0.312	9.5E-08	5.2E-08	2.6E-13	1.5E-07	8.9E-04	4.9E-04	6.0E-07	1.4E-03
205-99-2	~Benzo[b]fluoranthene	0.457	0.457	0.457	1.4E-08	7.7E-09	3.8E-14	2.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.158	0.158	0.158	4.8E-10	2.7E-10	1.3E-15	7.5E-10				
218-01-9	~Chrysene	0.34	0.34	0.34	1.0E-10	5.7E-11	2.8E-16	1.6E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0498	0.0498	0.0498	1.5E-08	8.4E-09	4.1E-14	2.4E-08				
206-44-0	~Fluoranthene	0.709	0.709	0.709					1.5E-05	8.3E-06		2.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.225	0.225	0.225	6.9E-09	3.8E-09	1.9E-14	1.1E-08				
129-00-0	~Pyrene	0.607	0.607	0.607					1.7E-05	9.5E-06		2.7E-05
7782-49-2	Selenium	0.184	0.184	0.184					3.2E-05		3.5E-11	3.2E-05
7440-22-4	Silver	0.0178	0.0178	0.0178					3.0E-06			3.0E-06
7440-28-0	Thallium (Soluble Salts)	0.0424	0.0424	0.0424					3.6E-03			3.6E-03
7440-62-2	Vanadium and Compounds	19.7	19.7	19.7					3.3E-03		7.6E-07	3.3E-03
7440-66-6	Zinc and Compounds	62.4	62.4	62.4					1.8E-04			1.8E-04
						Cumulative:		8.0E-07				3.6E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	1.75	1.75	1.75	9.7E-07	1.4E-07	1.6E-12	**1.1E-06**	1.9E-02	2.3E-03	6.7E-08	2.1E-02
7440-39-3	Barium	30.1	30.1	30.1					8.2E-04		3.5E-08	8.2E-04
100-52-7	Benzaldehyde	0.0506	0.0506	0.0506	1.2E-10			1.2E-10	2.8E-06			2.8E-06
7440-41-7	Beryllium and compounds	0.269	0.269	0.269			1.4E-13	1.4E-13	7.4E-04		7.8E-09	7.4E-04
7440-43-9	Cadmium (Diet)	0.163	0.163	0.163			6.3E-14	6.3E-14	8.9E-03	8.5E-04	9.4E-09	9.8E-03
16065-83-1	Chromium(III), Insoluble Salts	16.1	16.1	16.1					5.9E-05			5.9E-05
7440-48-4	Cobalt	5.38	5.38	5.38			1.0E-11	1.0E-11	9.8E-02		5.2E-07	9.8E-02
7440-50-8	Copper	16.9	16.9	16.9					2.3E-03			2.3E-03
7439-92-1	~Lead and Compounds	39.8	39.8	39.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	157	157	157					3.6E-02		1.8E-06	3.6E-02
7440-02-0	Nickel Soluble Salts	16.7	16.7	16.7			9.3E-13	9.3E-13	4.6E-03		9.6E-07	4.6E-03
120-12-7	~Anthracene	0.0395	0.0395	0.0395					7.2E-07	2.2E-07		9.4E-07
56-55-3	~Benz[a]anthracene	0.296	0.296	0.296	8.3E-08	2.8E-08	1.3E-10	1.1E-07				
50-32-8	~Benzo[a]pyrene	0.312	0.312	0.312	8.7E-07	2.9E-07	1.1E-13	**1.2E-06**	5.7E-03	1.8E-03	9.0E-08	7.5E-03
205-99-2	~Benzo[b]fluoranthene	0.457	0.457	0.457	1.3E-07	4.3E-08	1.6E-14	1.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.158	0.158	0.158	4.4E-09	1.5E-09	5.6E-16	5.9E-09				
218-01-9	~Chrysene	0.34	0.34	0.34	9.5E-10	3.2E-10	1.2E-16	1.3E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0498	0.0498	0.0498	1.4E-07	4.7E-08	1.8E-14	1.9E-07				
206-44-0	~Fluoranthene	0.709	0.709	0.709					9.7E-05	3.0E-05		1.3E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.225	0.225	0.225	6.3E-08	2.1E-08	8.0E-15	8.4E-08				
129-00-0	~Pyrene	0.607	0.607	0.607					1.1E-04	3.4E-05		1.5E-04
7782-49-2	Selenium	0.184	0.184	0.184					2.0E-04		5.3E-12	2.0E-04
7440-22-4	Silver	0.0178	0.0178	0.0178					2.0E-05			2.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0424	0.0424	0.0424					2.3E-02			2.3E-02
7440-62-2	Vanadium and Compounds	19.7	19.7	19.7					2.1E-02		1.1E-07	2.1E-02
7440-66-6	Zinc and Compounds	62.4	62.4	62.4					1.1E-03			1.1E-03
						Cumulative:		2.8E-06				2.3E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	2/11/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-2 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0523	J	67-64-1	Acetone			mg/kg	SED-2									
0.0857	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
52.6	B	7440-39-3	Barium			mg/kg	SED-2									
0.104	J	100-52-7	Benzaldehyde			mg/kg	SED-2									
0.284	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.0142	J	92-52-4	Biphenyl, 1,1'-			mg/kg	SED-2									
0.214	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
0.125	J *+	105-60-2	Caprolactam			mg/kg	SED-2									
12.6		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
5.35		7440-48-4	Cobalt			mg/kg	SED-2									
23.9	B	7440-50-8	Copper			mg/kg	SED-2									
0.0765	J	132-64-9	~Dibenzofuran			mg/kg	SED-2									
63.8		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
213		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
0.0261	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-2									
15.8	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.47		117-81-7	~Bis(2-ethylhexyl)phthalate			mg/kg	SED-2									
0.627		85-68-7	~Butyl Benzyl Phthalate			mg/kg	SED-2									
0.146	J	83-32-9	~Acenaphthene			mg/kg	SED-2									
0.367	J	120-12-7	~Anthracene			mg/kg	SED-2									
1.57		56-55-3	~Benz[a]anthracene			mg/kg	SED-2									
1.34		50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
2.01		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.666		207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-2									
1.47		218-01-9	~Chrysene			mg/kg	SED-2									
0.209	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-2									
3.64		206-44-0	~Fluoranthene			mg/kg	SED-2									
0.128	J	86-73-7	~Fluorene			mg/kg	SED-2									
0.924		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
0.124	J	91-57-6	~Methylnaphthalene, 2-			mg/kg	SED-2									
0.106	J	91-20-3	~Naphthalene			mg/kg	SED-2									
2.84		129-00-0	~Pyrene			mg/kg	SED-2									
0.385	J	7782-49-2	Selenium			mg/kg	SED-2									
0.0539	J B	7440-22-4	Silver			mg/kg	SED-2									
0.0689	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-2									
19.4		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
122		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.8E-05	6.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.0E-06	4.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	7.6E-06	2.7E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0523	0.0523	0.0523					7.4E-07			7.4E-07
7440-38-2	Arsenic, Inorganic	0.0857	0.0857	0.0857	1.1E-07	1.6E-08	2.2E-12	1.3E-07	2.2E-03	2.6E-04	9.2E-08	2.5E-03
7440-39-3	Barium	52.6	52.6	52.6					3.4E-03		1.7E-06	3.4E-03
100-52-7	Benzaldehyde	0.104	0.104	0.104	6.0E-10			6.0E-10	1.3E-05			1.3E-05
7440-41-7	Beryllium and compounds	0.284	0.284	0.284			4.1E-12	4.1E-12	1.8E-03		2.3E-07	1.8E-03
92-52-4	Biphenyl, 1,1'-	0.0142	0.0142	0.0142	1.6E-10			1.6E-10	3.6E-07		2.8E-04	2.8E-04
7440-43-9	Cadmium (Diet)	0.214	0.214	0.214			2.3E-12	2.3E-12	2.7E-02	2.6E-03	3.5E-07	3.0E-02
105-60-2	Caprolactam	0.125	0.125	0.125					3.2E-06	7.6E-07	9.2E-10	4.0E-06
16065-83-1	Chromium(III), Insoluble Salts	12.6	12.6	12.6					1.1E-04			1.1E-04
7440-48-4	Cobalt	5.35	5.35	5.35			2.9E-10	2.9E-10	**2.3E-01**		1.4E-05	**2.3E-01**
7440-50-8	Copper	23.9	23.9	23.9					7.6E-03			7.6E-03
132-64-9	~Dibenzofuran	0.0765	0.0765	0.0765					9.8E-04			9.8E-04
7439-92-1	~Lead and Compounds	63.8	63.8	63.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	213	213	213					1.1E-01		6.9E-05	1.1E-01
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0261	0.0261	0.0261					1.1E-03		1.4E-09	1.1E-03
7440-02-0	Nickel Soluble Salts	15.8	15.8	15.8			2.5E-11	2.5E-11	1.0E-02		2.6E-05	1.0E-02
117-81-7	~Bis(2-ethylhexyl)phthalate	0.47	0.47	0.47	9.5E-09	2.7E-09	6.8E-15	1.2E-08	3.0E-04	7.1E-05		3.7E-04
85-68-7	~Butyl Benzyl Phthalate	0.627	0.627	0.627	1.7E-09	4.8E-10		2.2E-09	4.0E-05	9.5E-06		5.0E-05
83-32-9	~Acenaphthene	0.146	0.146	0.146					3.1E-05	9.6E-06		4.1E-05
120-12-7	~Anthracene	0.367	0.367	0.367					1.6E-05	4.8E-06		2.0E-05
56-55-3	~Benz[a]anthracene	1.57	1.57	1.57	**1.0E-06**	3.4E-07	2.0E-08	1.4E-06				
50-32-8	~Benzo[a]pyrene	1.34	1.34	1.34	**8.7E-06**	**2.9E-06**	1.3E-11	1.2E-05	5.7E-02	1.8E-02	1.1E-05	7.5E-02
205-99-2	~Benzo[b]fluoranthene	2.01	2.01	2.01	**1.3E-06**	4.4E-07	2.0E-12	1.8E-06				
207-08-9	~Benzo[k]fluoranthene	0.666	0.666	0.666	4.3E-08	1.5E-08	6.6E-14	5.8E-08				
218-01-9	~Chrysene	1.47	1.47	1.47	9.6E-09	3.2E-09	1.5E-14	1.3E-08				
53-70-3	~Dibenz[a,h]anthracene	0.209	0.209	0.209	**1.4E-06**	4.6E-07	2.1E-12	1.8E-06				
206-44-0	~Fluoranthene	3.64	3.64	3.64					1.2E-03	3.6E-04		1.5E-03
86-73-7	~Fluorene	0.128	0.128	0.128					4.1E-05	1.3E-05		5.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.924	0.924	0.924	6.0E-07	2.0E-07	9.2E-13	8.0E-07				
91-57-6	~Methylnaphthalene, 2-	0.124	0.124	0.124					4.0E-04	1.2E-04		5.2E-04
91-20-3	~Naphthalene	0.106	0.106	0.106	1.8E-08	6.7E-09	2.6E-08	5.1E-08	6.8E-05	2.1E-05	6.9E-04	7.8E-04
129-00-0	~Pyrene	2.84	2.84	2.84					1.2E-03	3.7E-04		1.6E-03
7782-49-2	Selenium	0.385	0.385	0.385					9.8E-04		3.1E-10	9.8E-04
7440-22-4	Silver	0.0539	0.0539	0.0539					1.4E-04			1.4E-04
7440-28-0	Thallium (Soluble Salts)	0.0689	0.0689	0.0689					8.8E-02			8.8E-02
7440-62-2	Vanadium and Compounds	19.4	19.4	19.4					4.9E-02		3.1E-06	4.9E-02
7440-66-6	Zinc and Compounds	122	122	122					5.2E-03			5.2E-03
						Cumulative:		1.8E-05				6.2E-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: NONCD0000823

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0523	0.0523	0.0523					5.0E-08			5.0E-08
7440-38-2	Arsenic, Inorganic	0.0857	0.0857	0.0857	2.4E-08	5.0E-09	5.1E-13	2.9E-08	1.5E-04	3.1E-05	2.2E-08	1.8E-04
7440-39-3	Barium	52.6	52.6	52.6					2.3E-04		4.0E-07	2.3E-04
100-52-7	Benzaldehyde	0.104	0.104	0.104	1.3E-10			1.3E-10	8.9E-07			8.9E-07
7440-41-7	Beryllium and compounds	0.284	0.284	0.284			9.4E-13	9.4E-13	1.2E-04		5.5E-08	1.2E-04
92-52-4	Biphenyl, 1,1'-	0.0142	0.0142	0.0142	3.5E-11			3.5E-11	2.4E-08		6.7E-05	6.7E-05
7440-43-9	Cadmium (Diet)	0.214	0.214	0.214			5.3E-13	5.3E-13	1.8E-03	3.1E-04	8.2E-08	2.1E-03
105-60-2	Caprolactam	0.125	0.125	0.125					2.1E-07	9.1E-08	2.2E-10	3.0E-07
16065-83-1	Chromium(III), Insoluble Salts	12.6	12.6	12.6					7.2E-06			7.2E-06
7440-48-4	Cobalt	5.35	5.35	5.35			6.6E-11	6.6E-11	1.5E-02		3.4E-06	1.5E-02
7440-50-8	Copper	23.9	23.9	23.9					5.1E-04			5.1E-04
132-64-9	~Dibenzofuran	0.0765	0.0765	0.0765					6.5E-05			6.5E-05
7439-92-1	~Lead and Compounds	63.8	63.8	63.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	213	213	213					7.6E-03		1.6E-05	7.6E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0261	0.0261	0.0261					7.4E-05		3.3E-10	7.4E-05
7440-02-0	Nickel Soluble Salts	15.8	15.8	15.8			5.6E-12	5.6E-12	6.8E-04		6.1E-06	6.8E-04
117-81-7	~Bis(2-ethylhexyl)phthalate	0.47	0.47	0.47	2.0E-09	8.5E-10	1.6E-15	2.9E-09	2.0E-05	8.5E-06		2.9E-05
85-68-7	~Butyl Benzyl Phthalate	0.627	0.627	0.627	3.6E-10	1.5E-10		5.2E-10	2.7E-06	1.1E-06		3.8E-06
83-32-9	~Acenaphthene	0.146	0.146	0.146					2.1E-06	1.1E-06		3.2E-06
120-12-7	~Anthracene	0.367	0.367	0.367					1.0E-06	5.8E-07		1.6E-06
56-55-3	~Benz[a]anthracene	1.57	1.57	1.57	4.8E-08	2.6E-08	1.6E-09	7.6E-08				
50-32-8	~Benzo[a]pyrene	1.34	1.34	1.34	4.1E-07	2.3E-07	1.1E-12	6.4E-07	3.8E-03	2.1E-03	2.6E-06	5.9E-03
205-99-2	~Benzo[b]fluoranthene	2.01	2.01	2.01	6.1E-08	3.4E-08	1.7E-13	9.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.666	0.666	0.666	2.0E-09	1.1E-09	5.5E-15	3.2E-09				
218-01-9	~Chrysene	1.47	1.47	1.47	4.5E-10	2.5E-10	1.2E-15	7.0E-10				
53-70-3	~Dibenz[a,h]anthracene	0.209	0.209	0.209	6.4E-08	3.5E-08	1.7E-13	9.9E-08				
206-44-0	~Fluoranthene	3.64	3.64	3.64					7.8E-05	4.3E-05		1.2E-04
86-73-7	~Fluorene	0.128	0.128	0.128					2.7E-06	1.5E-06		4.2E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.924	0.924	0.924	2.8E-08	1.6E-08	7.6E-14	4.4E-08				
91-57-6	~Methylnaphthalene, 2-	0.124	0.124	0.124					2.7E-05	1.5E-05		4.1E-05
91-20-3	~Naphthalene	0.106	0.106	0.106	3.9E-09	2.1E-09	6.0E-09	1.2E-08	4.5E-06	2.5E-06	1.6E-04	1.7E-04
129-00-0	~Pyrene	2.84	2.84	2.84					8.1E-05	4.5E-05		1.3E-04
7782-49-2	Selenium	0.385	0.385	0.385					6.6E-05		7.4E-11	6.6E-05
7440-22-4	Silver	0.0539	0.0539	0.0539					9.2E-06			9.2E-06
7440-28-0	Thallium (Soluble Salts)	0.0689	0.0689	0.0689					5.9E-03			5.9E-03
7440-62-2	Vanadium and Compounds	19.4	19.4	19.4					3.3E-03		7.5E-07	3.3E-03
7440-66-6	Zinc and Compounds	122	122	122					3.5E-04			3.5E-04
						Cumulative:		1.0E-06				4.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0523	0.0523	0.0523					3.2E-07			3.2E-07
7440-38-2	Arsenic, Inorganic	0.0857	0.0857	0.0857	4.8E-08	6.7E-09	7.9E-14	5.4E-08	9.4E-04	1.1E-04	3.3E-09	1.1E-03
7440-39-3	Barium	52.6	52.6	52.6					1.4E-03		6.1E-08	1.4E-03
100-52-7	Benzaldehyde	0.104	0.104	0.104	2.6E-10			2.6E-10	5.7E-06			5.7E-06
7440-41-7	Beryllium and compounds	0.284	0.284	0.284			1.5E-13	1.5E-13	7.8E-04		8.2E-09	7.8E-04
92-52-4	Biphenyl, 1,1'-	0.0142	0.0142	0.0142	7.0E-11			7.0E-11	1.6E-07		1.0E-05	1.0E-05
7440-43-9	Cadmium (Diet)	0.214	0.214	0.214			8.3E-14	8.3E-14	1.2E-02	1.1E-03	1.2E-08	1.3E-02
105-60-2	Caprolactam	0.125	0.125	0.125					1.4E-06	3.3E-07	3.3E-11	1.7E-06
16065-83-1	Chromium(III), Insoluble Salts	12.6	12.6	12.6					4.6E-05			4.6E-05
7440-48-4	Cobalt	5.35	5.35	5.35			1.0E-11	1.0E-11	9.8E-02		5.1E-07	9.8E-02
7440-50-8	Copper	23.9	23.9	23.9					3.3E-03			3.3E-03
132-64-9	~Dibenzofuran	0.0765	0.0765	0.0765					4.2E-04			4.2E-04
7439-92-1	~Lead and Compounds	63.8	63.8	63.8					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	213	213	213					4.9E-02		2.5E-06	4.9E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0261	0.0261	0.0261					4.8E-04		5.0E-11	4.8E-04
7440-02-0	Nickel Soluble Salts	15.8	15.8	15.8			8.8E-13	8.8E-13	4.3E-03		9.1E-07	4.3E-03
117-81-7	~Bis(2-ethylhexyl)phthalate	0.47	0.47	0.47	4.1E-09	1.1E-09	2.4E-16	5.2E-09	1.3E-04	3.1E-05		1.6E-04
85-68-7	~Butyl Benzyl Phthalate	0.627	0.627	0.627	7.3E-10	2.1E-10		9.4E-10	1.7E-05	4.1E-06		2.1E-05
83-32-9	~Acenaphthene	0.146	0.146	0.146					1.3E-05	4.1E-06		1.7E-05
120-12-7	~Anthracene	0.367	0.367	0.367					6.7E-06	2.1E-06		8.8E-06
56-55-3	~Benz[a]anthracene	1.57	1.57	1.57	4.4E-07	1.5E-07	7.1E-10	5.9E-07				
50-32-8	~Benzo[a]pyrene	1.34	1.34	1.34	**3.7E-06**	**1.3E-06**	4.8E-13	**5.0E-06**	2.4E-02	7.6E-03	3.9E-07	3.2E-02
205-99-2	~Benzo[b]fluoranthene	2.01	2.01	2.01	5.6E-07	1.9E-07	7.2E-14	7.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.666	0.666	0.666	1.9E-08	6.2E-09	2.4E-15	2.5E-08				
218-01-9	~Chrysene	1.47	1.47	1.47	4.1E-09	1.4E-09	5.2E-16	5.5E-09				
53-70-3	~Dibenz[a,h]anthracene	0.209	0.209	0.209	5.8E-07	2.0E-07	7.4E-14	7.8E-07				
206-44-0	~Fluoranthene	3.64	3.64	3.64					5.0E-04	1.5E-04		6.5E-04
86-73-7	~Fluorene	0.128	0.128	0.128					1.8E-05	5.4E-06		2.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.924	0.924	0.924	2.6E-07	8.6E-08	3.3E-14	3.4E-07				
91-57-6	~Methylnaphthalene, 2-	0.124	0.124	0.124					1.7E-04	5.2E-05		2.2E-04
91-20-3	~Naphthalene	0.106	0.106	0.106	7.8E-09	2.9E-09	9.3E-10	1.2E-08	2.9E-05	9.0E-06	2.5E-05	6.3E-05
129-00-0	~Pyrene	2.84	2.84	2.84					5.2E-04	1.6E-04		6.8E-04
7782-49-2	Selenium	0.385	0.385	0.385					4.2E-04		1.1E-11	4.2E-04
7440-22-4	Silver	0.0539	0.0539	0.0539					5.9E-05			5.9E-05
7440-28-0	Thallium (Soluble Salts)	0.0689	0.0689	0.0689					3.8E-02			3.8E-02
7440-62-2	Vanadium and Compounds	19.4	19.4	19.4					2.1E-02		1.1E-07	2.1E-02
7440-66-6	Zinc and Compounds	122	122	122					2.2E-03			2.2E-03
						Cumulative:		7.6E-06				2.7E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	3/3/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0439	J	67-64-1	Acetone			mg/kg	SED-3									
0.195	J	7440-36-0	Antimony (metallic)			mg/kg	SED-3									
1.52		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
21.5	B	7440-39-3	Barium			mg/kg	SED-3									
0.165	J	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.0667	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
0.152	J *+	105-60-2	Caprolactam			mg/kg	SED-3									
8.8		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
6.22		7440-48-4	Cobalt			mg/kg	SED-3									
53.3	B	7440-50-8	Copper			mg/kg	SED-3									
15.3		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
140		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
22.8	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
0.061	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-3									
0.078	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-3									
0.127	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.0411	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-3									
0.116	J	218-01-9	~Chrysene			mg/kg	SED-3									
0.198	J	206-44-0	~Fluoranthene			mg/kg	SED-3									
0.0497	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-3									
0.186	J	129-00-0	~Pyrene			mg/kg	SED-3									
0.0153	J B	7440-22-4	Silver			mg/kg	SED-3									
0.0384	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-3									
26.3		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
54.8		7440-66-6	Zinc and Compounds			mg/kg	SED-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.1E-06	5.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.6E-07	3.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.3E-06	2.4E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0439	0.0439	0.0439					6.2E-07			6.2E-07
7440-36-0	Antimony (metallic)	0.195	0.195	0.195					6.2E-03		1.1E-08	6.2E-03
7440-38-2	Arsenic, Inorganic	1.52	1.52	1.52	**2.0E-06**	2.8E-07	3.9E-11	2.2E-06	3.9E-02	4.6E-03	1.6E-06	4.3E-02
7440-39-3	Barium	21.5	21.5	21.5					1.4E-03		7.0E-07	1.4E-03
7440-41-7	Beryllium and compounds	0.165	0.165	0.165			2.4E-12	2.4E-12	1.1E-03		1.3E-07	1.1E-03
7440-43-9	Cadmium (Diet)	0.0667	0.0667	0.0667			7.2E-13	7.2E-13	8.5E-03	8.1E-04	1.1E-07	9.3E-03
105-60-2	Caprolactam	0.152	0.152	0.152					3.9E-06	9.2E-07	1.1E-09	4.8E-06
16065-83-1	Chromium(III), Insoluble Salts	8.8	8.8	8.8					7.5E-05			7.5E-05
7440-48-4	Cobalt	6.22	6.22	6.22			3.4E-10	3.4E-10	**2.7E-01**		1.7E-05	**2.7E-01**
7440-50-8	Copper	53.3	53.3	53.3					1.7E-02			1.7E-02
7439-92-1	~Lead and Compounds	15.3	15.3	15.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	140	140	140					7.5E-02		4.5E-05	7.5E-02
7440-02-0	Nickel Soluble Salts	22.8	22.8	22.8			3.6E-11	3.6E-11	1.5E-02		3.7E-05	1.5E-02
56-55-3	~Benz[a]anthracene	0.061	0.061	0.061	4.0E-08	1.3E-08	7.7E-10	5.4E-08				
50-32-8	~Benzo[a]pyrene	0.078	0.078	0.078	5.1E-07	1.7E-07	7.8E-13	6.8E-07	3.3E-03	1.0E-03	6.3E-07	4.4E-03
205-99-2	~Benzo[b]fluoranthene	0.127	0.127	0.127	8.3E-08	2.8E-08	1.3E-13	1.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.0411	0.0411	0.0411	2.7E-09	9.0E-10	4.1E-15	3.6E-09				
218-01-9	~Chrysene	0.116	0.116	0.116	7.6E-10	2.5E-10	1.2E-15	1.0E-09				
206-44-0	~Fluoranthene	0.198	0.198	0.198					6.3E-05	2.0E-05		8.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0497	0.0497	0.0497	3.2E-08	1.1E-08	5.0E-14	4.3E-08				
129-00-0	~Pyrene	0.186	0.186	0.186					7.9E-05	2.4E-05		1.0E-04
7440-22-4	Silver	0.0153	0.0153	0.0153					3.9E-05			3.9E-05
7440-28-0	Thallium (Soluble Salts)	0.0384	0.0384	0.0384					4.9E-02			4.9E-02
7440-62-2	Vanadium and Compounds	26.3	26.3	26.3					6.7E-02		4.3E-06	6.7E-02
7440-66-6	Zinc and Compounds	54.8	54.8	54.8					2.3E-03			2.3E-03
						Cumulative:		3.1E-06				5.6E-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: NONCD0000823

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0439	0.0439	0.0439					4.2E-08			4.2E-08
7440-36-0	Antimony (metallic)	0.195	0.195	0.195					4.2E-04		2.5E-09	4.2E-04
7440-38-2	Arsenic, Inorganic	1.52	1.52	1.52	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	21.5	21.5	21.5					9.2E-05		1.7E-07	9.2E-05
7440-41-7	Beryllium and compounds	0.165	0.165	0.165			5.4E-13	5.4E-13	7.1E-05		3.2E-08	7.1E-05
7440-43-9	Cadmium (Diet)	0.0667	0.0667	0.0667			1.7E-13	1.7E-13	5.7E-04	9.7E-05	2.6E-08	6.7E-04
105-60-2	Caprolactam	0.152	0.152	0.152					2.6E-07	1.1E-07	2.7E-10	3.7E-07
16065-83-1	Chromium(III), Insoluble Salts	8.8	8.8	8.8					5.0E-06			5.0E-06
7440-48-4	Cobalt	6.22	6.22	6.22			7.7E-11	7.7E-11	1.8E-02		4.0E-06	1.8E-02
7440-50-8	Copper	53.3	53.3	53.3					1.1E-03			1.1E-03
7439-92-1	~Lead and Compounds	15.3	15.3	15.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	140	140	140					5.0E-03		1.1E-05	5.0E-03
7440-02-0	Nickel Soluble Salts	22.8	22.8	22.8			8.1E-12	8.1E-12	9.8E-04		8.8E-06	9.8E-04
56-55-3	~Benz[a]anthracene	0.061	0.061	0.061	1.9E-09	1.0E-09	6.4E-11	3.0E-09				
50-32-8	~Benzo[a]pyrene	0.078	0.078	0.078	2.4E-08	1.3E-08	6.4E-14	3.7E-08	2.2E-04	1.2E-04	1.5E-07	3.5E-04
205-99-2	~Benzo[b]fluoranthene	0.127	0.127	0.127	3.9E-09	2.1E-09	1.0E-14	6.0E-09				
207-08-9	~Benzo[k]fluoranthene	0.0411	0.0411	0.0411	1.3E-10	6.9E-11	3.4E-16	1.9E-10				
218-01-9	~Chrysene	0.116	0.116	0.116	3.5E-11	2.0E-11	9.6E-17	5.5E-11				
206-44-0	~Fluoranthene	0.198	0.198	0.198					4.2E-06	2.3E-06		6.6E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0497	0.0497	0.0497	1.5E-09	8.4E-10	4.1E-15	2.4E-09				
129-00-0	~Pyrene	0.186	0.186	0.186					5.3E-06	2.9E-06		8.2E-06
7440-22-4	Silver	0.0153	0.0153	0.0153					2.6E-06			2.6E-06
7440-28-0	Thallium (Soluble Salts)	0.0384	0.0384	0.0384					3.3E-03			3.3E-03
7440-62-2	Vanadium and Compounds	26.3	26.3	26.3					4.5E-03		1.0E-06	4.5E-03
7440-66-6	Zinc and Compounds	54.8	54.8	54.8					1.6E-04			1.6E-04
						Cumulative:		5.6E-07				3.8E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-3 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0439	0.0439	0.0439					2.7E-07			2.7E-07
7440-36-0	Antimony (metallic)	0.195	0.195	0.195					2.7E-03		3.8E-10	2.7E-03
7440-38-2	Arsenic, Inorganic	1.52	1.52	1.52	8.4E-07	1.2E-07	1.4E-12	9.6E-07	1.7E-02	2.0E-03	5.8E-08	1.9E-02
7440-39-3	Barium	21.5	21.5	21.5					5.9E-04		2.5E-08	5.9E-04
7440-41-7	Beryllium and compounds	0.165	0.165	0.165			8.5E-14	8.5E-14	4.5E-04		4.8E-09	4.5E-04
7440-43-9	Cadmium (Diet)	0.0667	0.0667	0.0667			2.6E-14	2.6E-14	3.7E-03	3.5E-04	3.9E-09	4.0E-03
105-60-2	Caprolactam	0.152	0.152	0.152					1.7E-06	4.0E-07	4.0E-11	2.1E-06
16065-83-1	Chromium(III), Insoluble Salts	8.8	8.8	8.8					3.2E-05			3.2E-05
7440-48-4	Cobalt	6.22	6.22	6.22			1.2E-11	1.2E-11	1.1E-01		6.0E-07	1.1E-01
7440-50-8	Copper	53.3	53.3	53.3					7.3E-03			7.3E-03
7439-92-1	~Lead and Compounds	15.3	15.3	15.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	140	140	140					3.2E-02		1.6E-06	3.2E-02
7440-02-0	Nickel Soluble Salts	22.8	22.8	22.8			1.3E-12	1.3E-12	6.2E-03		1.3E-06	6.2E-03
56-55-3	~Benz[a]anthracene	0.061	0.061	0.061	1.7E-08	5.7E-09	2.7E-11	2.3E-08				
50-32-8	~Benzo[a]pyrene	0.078	0.078	0.078	2.2E-07	7.3E-08	2.8E-14	2.9E-07	1.4E-03	4.4E-04	2.3E-08	1.9E-03
205-99-2	~Benzo[b]fluoranthene	0.127	0.127	0.127	3.6E-08	1.2E-08	4.5E-15	4.7E-08				
207-08-9	~Benzo[k]fluoranthene	0.0411	0.0411	0.0411	1.2E-09	3.8E-10	1.5E-16	1.5E-09				
218-01-9	~Chrysene	0.116	0.116	0.116	3.2E-10	1.1E-10	4.1E-17	4.3E-10				
206-44-0	~Fluoranthene	0.198	0.198	0.198					2.7E-05	8.4E-06		3.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0497	0.0497	0.0497	1.4E-08	4.6E-09	1.8E-15	1.9E-08				
129-00-0	~Pyrene	0.186	0.186	0.186					3.4E-05	1.0E-05		4.4E-05
7440-22-4	Silver	0.0153	0.0153	0.0153					1.7E-05			1.7E-05
7440-28-0	Thallium (Soluble Salts)	0.0384	0.0384	0.0384					2.1E-02			2.1E-02
7440-62-2	Vanadium and Compounds	26.3	26.3	26.3					2.9E-02		1.5E-07	2.9E-02
7440-66-6	Zinc and Compounds	54.8	54.8	54.8					1.0E-03			1.0E-03
						Cumulative:		1.3E-06				2.4E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-4 Risk Assessment
Submittal Date:	3/3/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-4 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.0545	J	67-64-1	Acetone			mg/kg	SED-4									
1.9		7440-36-0	Antimony (metallic)			mg/kg	SED-4									
1.63		7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
22.1	B	7440-39-3	Barium			mg/kg	SED-4									
0.257	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.119	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4									
10.5		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-4									
6.25		7440-48-4	Cobalt			mg/kg	SED-4									
18.3	B	7440-50-8	Copper			mg/kg	SED-4									
38.3		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
155		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
20.8	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
1.66	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4									
0.101	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-4									
0.109	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-4									
0.16	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.05	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-4									
0.116	J	218-01-9	~Chrysene			mg/kg	SED-4									
0.159	J	206-44-0	~Fluoranthene			mg/kg	SED-4									
0.0839	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-4									
0.159	J	129-00-0	~Pyrene			mg/kg	SED-4									
0.203	J	7782-49-2	Selenium			mg/kg	SED-4									
0.0202	J B	7440-22-4	Silver			mg/kg	SED-4									
0.0371	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-4									
22.5		7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
72.9		7440-66-6	Zinc and Compounds			mg/kg	SED-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.7E-06	6.1E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.1E-07	4.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.6E-06	2.6E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0545	0.0545	0.0545					7.7E-07			7.7E-07
7440-36-0	Antimony (metallic)	1.9	1.9	1.9					6.1E-02		1.0E-07	6.1E-02
7440-38-2	Arsenic, Inorganic	1.63	1.63	1.63	**2.1E-06**	3.0E-07	4.2E-11	2.4E-06	4.2E-02	4.9E-03	1.8E-06	4.7E-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	0.257	0.257	0.257			3.7E-12	3.7E-12	1.6E-03		2.1E-07	1.6E-03
7440-43-9	Cadmium (Diet)	0.119	0.119	0.119			1.3E-12	1.3E-12	1.5E-02	1.4E-03	1.9E-07	1.7E-02
16065-83-1	Chromium(III), Insoluble Salts	10.5	10.5	10.5					8.9E-05			8.9E-05
7440-48-4	Cobalt	6.25	6.25	6.25			3.4E-10	3.4E-10	**2.7E-01**		1.7E-05	**2.7E-01**
7440-50-8	Copper	18.3	18.3	18.3					5.8E-03			5.8E-03
7439-92-1	~Lead and Compounds	38.3	38.3	38.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	155	155	155					8.3E-02		5.0E-05	8.3E-02
7440-02-0	Nickel Soluble Salts	20.8	20.8	20.8			3.2E-11	3.2E-11	1.3E-02		3.4E-05	1.3E-02
14797-55-8	Nitrate (measured as nitrogen)	1.66	1.66	1.66					1.3E-05			1.3E-05
56-55-3	~Benz[a]anthracene	0.101	0.101	0.101	6.6E-08	2.2E-08	1.3E-09	8.9E-08				
50-32-8	~Benzo[a]pyrene	0.109	0.109	0.109	7.1E-07	2.4E-07	1.1E-12	9.5E-07	4.6E-03	1.4E-03	8.8E-07	6.1E-03
205-99-2	~Benzo[b]fluoranthene	0.16	0.16	0.16	1.0E-07	3.5E-08	1.6E-13	1.4E-07				
207-08-9	~Benzo[k]fluoranthene	0.05	0.05	0.05	3.3E-09	1.1E-09	5.0E-15	4.4E-09				
218-01-9	~Chrysene	0.116	0.116	0.116	7.6E-10	2.5E-10	1.2E-15	1.0E-09				
206-44-0	~Fluoranthene	0.159	0.159	0.159					5.1E-05	1.6E-05		6.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0839	0.0839	0.0839	5.5E-08	1.8E-08	8.4E-14	7.3E-08				
129-00-0	~Pyrene	0.159	0.159	0.159					6.8E-05	2.1E-05		8.9E-05
7782-49-2	Selenium	0.203	0.203	0.203					5.2E-04		1.6E-10	5.2E-04
7440-22-4	Silver	0.0202	0.0202	0.0202					5.2E-05			5.2E-05
7440-28-0	Thallium (Soluble Salts)	0.0371	0.0371	0.0371					4.7E-02			4.7E-02
7440-62-2	Vanadium and Compounds	22.5	22.5	22.5					5.7E-02		3.6E-06	5.7E-02
7440-66-6	Zinc and Compounds	72.9	72.9	72.9					3.1E-03			3.1E-03
						Cumulative:		3.7E-06				6.1E-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: NONCD0000823

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0545	0.0545	0.0545					5.2E-08			5.2E-08
7440-36-0	Antimony (metallic)	1.9	1.9	1.9					4.1E-03		2.4E-08	4.1E-03
7440-38-2	Arsenic, Inorganic	1.63	1.63	1.63	4.5E-07	9.5E-08	9.6E-12	5.4E-07	2.8E-03	5.9E-04	4.2E-07	3.4E-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	0.257	0.257	0.257			8.5E-13	8.5E-13	1.1E-04		4.9E-08	1.1E-04
7440-43-9	Cadmium (Diet)	0.119	0.119	0.119			2.9E-13	2.9E-13	1.0E-03	1.7E-04	4.6E-08	1.2E-03
16065-83-1	Chromium(III), Insoluble Salts	10.5	10.5	10.5					6.0E-06			6.0E-06
7440-48-4	Cobalt	6.25	6.25	6.25			7.7E-11	7.7E-11	1.8E-02		4.0E-06	1.8E-02
7440-50-8	Copper	18.3	18.3	18.3					3.9E-04			3.9E-04
7439-92-1	~Lead and Compounds	38.3	38.3	38.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	155	155	155					5.5E-03		1.2E-05	5.5E-03
7440-02-0	Nickel Soluble Salts	20.8	20.8	20.8			7.4E-12	7.4E-12	8.9E-04		8.0E-06	9.0E-04
14797-55-8	Nitrate (measured as nitrogen)	1.66	1.66	1.66					8.9E-07			8.9E-07
56-55-3	~Benz[a]anthracene	0.101	0.101	0.101	3.1E-09	1.7E-09	1.1E-10	4.9E-09				
50-32-8	~Benzo[a]pyrene	0.109	0.109	0.109	3.3E-08	1.8E-08	9.0E-14	5.2E-08	3.1E-04	1.7E-04	2.1E-07	4.8E-04
205-99-2	~Benzo[b]fluoranthene	0.16	0.16	0.16	4.9E-09	2.7E-09	1.3E-14	7.6E-09				
207-08-9	~Benzo[k]fluoranthene	0.05	0.05	0.05	1.5E-10	8.4E-11	4.1E-16	2.4E-10				
218-01-9	~Chrysene	0.116	0.116	0.116	3.5E-11	2.0E-11	9.6E-17	5.5E-11				
206-44-0	~Fluoranthene	0.159	0.159	0.159					3.4E-06	1.9E-06		5.3E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0839	0.0839	0.0839	2.6E-09	1.4E-09	6.9E-15	4.0E-09				
129-00-0	~Pyrene	0.159	0.159	0.159					4.5E-06	2.5E-06		7.0E-06
7782-49-2	Selenium	0.203	0.203	0.203					3.5E-05		3.9E-11	3.5E-05
7440-22-4	Silver	0.0202	0.0202	0.0202					3.5E-06			3.5E-06
7440-28-0	Thallium (Soluble Salts)	0.0371	0.0371	0.0371					3.2E-03			3.2E-03
7440-62-2	Vanadium and Compounds	22.5	22.5	22.5					3.8E-03		8.7E-07	3.8E-03
7440-66-6	Zinc and Compounds	72.9	72.9	72.9					2.1E-04			2.1E-04
						Cumulative:		6.1E-07				4.1E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.0545	0.0545	0.0545					3.3E-07			3.3E-07
7440-36-0	Antimony (metallic)	1.9	1.9	1.9					2.6E-02		3.7E-09	2.6E-02
7440-38-2	Arsenic, Inorganic	1.63	1.63	1.63	9.0E-07	1.3E-07	1.5E-12	**1.0E-06**	1.8E-02	2.1E-03	6.3E-08	2.0E-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	0.257	0.257	0.257			1.3E-13	1.3E-13	7.0E-04		7.4E-09	7.0E-04
7440-43-9	Cadmium (Diet)	0.119	0.119	0.119			4.6E-14	4.6E-14	6.5E-03	6.2E-04	6.9E-09	7.1E-03
16065-83-1	Chromium(III), Insoluble Salts	10.5	10.5	10.5					3.8E-05			3.8E-05
7440-48-4	Cobalt	6.25	6.25	6.25			1.2E-11	1.2E-11	1.1E-01		6.0E-07	1.1E-01
7440-50-8	Copper	18.3	18.3	18.3					2.5E-03			2.5E-03
7439-92-1	~Lead and Compounds	38.3	38.3	38.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	155	155	155					3.5E-02		1.8E-06	3.5E-02
7440-02-0	Nickel Soluble Salts	20.8	20.8	20.8			1.2E-12	1.2E-12	5.7E-03		1.2E-06	5.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.66	1.66	1.66					5.7E-06			5.7E-06
56-55-3	~Benz[a]anthracene	0.101	0.101	0.101	2.8E-08	9.4E-09	4.6E-11	3.8E-08				
50-32-8	~Benzo[a]pyrene	0.109	0.109	0.109	3.1E-07	1.0E-07	3.9E-14	4.1E-07	2.0E-03	6.1E-04	3.1E-08	2.6E-03
205-99-2	~Benzo[b]fluoranthene	0.16	0.16	0.16	4.5E-08	1.5E-08	5.7E-15	6.0E-08				
207-08-9	~Benzo[k]fluoranthene	0.05	0.05	0.05	1.4E-09	4.7E-10	1.8E-16	1.9E-09				
218-01-9	~Chrysene	0.116	0.116	0.116	3.2E-10	1.1E-10	4.1E-17	4.3E-10				
206-44-0	~Fluoranthene	0.159	0.159	0.159					2.2E-05	6.7E-06		2.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0839	0.0839	0.0839	2.3E-08	7.8E-09	3.0E-15	3.1E-08				
129-00-0	~Pyrene	0.159	0.159	0.159					2.9E-05	9.0E-06		3.8E-05
7782-49-2	Selenium	0.203	0.203	0.203					2.2E-04		5.9E-12	2.2E-04
7440-22-4	Silver	0.0202	0.0202	0.0202					2.2E-05			2.2E-05
7440-28-0	Thallium (Soluble Salts)	0.0371	0.0371	0.0371					2.0E-02			2.0E-02
7440-62-2	Vanadium and Compounds	22.5	22.5	22.5					2.4E-02		1.3E-07	2.4E-02
7440-66-6	Zinc and Compounds	72.9	72.9	72.9					1.3E-03			1.3E-03
						Cumulative:		1.6E-06				2.6E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	3/3/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-5 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.609		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
12.9	B	7440-39-3	Barium			mg/kg	SED-5									
0.107	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.0868	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
0.163	J *+	105-60-2	Caprolactam			mg/kg	SED-5									
5.82		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
4.01		7440-48-4	Cobalt			mg/kg	SED-5									
8.6	B	7440-50-8	Copper			mg/kg	SED-5									
10.6		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
78.2		7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
0.0158	J	75-09-2	Methylene Chloride			mg/kg	SED-5									
12.8	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
0.301	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-5									
0.28	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-5									
0.365	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.136	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-5									
0.271	J	218-01-9	~Chrysene			mg/kg	SED-5									
0.0413	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-5									
0.391		206-44-0	~Fluoranthene			mg/kg	SED-5									
0.168	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-5									
0.49		129-00-0	~Pyrene			mg/kg	SED-5									
0.0148	J B	7440-22-4	Silver			mg/kg	SED-5									
9.88		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
45.8		7440-66-6	Zinc and Compounds			mg/kg	SED-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	4.4E-06	3.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.0E-07	2.0E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.9E-06	1.3E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.609	0.609	0.609	7.9E-07	1.1E-07	1.6E-11	9.0E-07	1.6E-02	1.8E-03	6.6E-07	1.7E-02
7440-39-3	Barium	12.9	12.9	12.9					8.2E-04		4.2E-07	8.3E-04
7440-41-7	Beryllium and compounds	0.107	0.107	0.107			1.5E-12	1.5E-12	6.8E-04		8.6E-08	6.8E-04
7440-43-9	Cadmium (Diet)	0.0868	0.0868	0.0868			9.4E-13	9.4E-13	1.1E-02	1.1E-03	1.4E-07	1.2E-02
105-60-2	Caprolactam	0.163	0.163	0.163					4.2E-06	9.9E-07	1.2E-09	5.2E-06
16065-83-1	Chromium(III), Insoluble Salts	5.82	5.82	5.82					5.0E-05			5.0E-05
7440-48-4	Cobalt	4.01	4.01	4.01			2.2E-10	2.2E-10	1.7E-01		1.1E-05	1.7E-01
7440-50-8	Copper	8.6	8.6	8.6					2.7E-03			2.7E-03
7439-92-1	~Lead and Compounds	10.6	10.6	10.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	78.2	78.2	78.2					4.2E-02		2.5E-05	4.2E-02
75-09-2	Methylene Chloride	0.0158	0.0158	0.0158	2.1E-10		5.0E-11	2.6E-10	3.4E-05		8.0E-06	4.2E-05
7440-02-0	Nickel Soluble Salts	12.8	12.8	12.8			2.0E-11	2.0E-11	8.2E-03		2.1E-05	8.2E-03
56-55-3	~Benz[a]anthracene	0.301	0.301	0.301	2.0E-07	6.6E-08	3.8E-09	2.7E-07				
50-32-8	~Benzo[a]pyrene	0.28	0.28	0.28	**1.8E-06**	6.1E-07	2.8E-12	2.4E-06	1.2E-02	3.7E-03	2.3E-06	1.6E-02
205-99-2	~Benzo[b]fluoranthene	0.365	0.365	0.365	2.4E-07	8.0E-08	3.6E-13	3.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.136	0.136	0.136	8.9E-09	3.0E-09	1.4E-14	1.2E-08				
218-01-9	~Chrysene	0.271	0.271	0.271	1.8E-09	5.9E-10	2.7E-15	2.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0413	0.0413	0.0413	2.7E-07	9.0E-08	4.1E-13	3.6E-07				
206-44-0	~Fluoranthene	0.391	0.391	0.391					1.2E-04	3.9E-05		1.6E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.168	0.168	0.168	1.1E-07	3.7E-08	1.7E-13	1.5E-07				
129-00-0	~Pyrene	0.49	0.49	0.49					2.1E-04	6.4E-05		2.7E-04
7440-22-4	Silver	0.0148	0.0148	0.0148					3.8E-05			3.8E-05
7440-62-2	Vanadium and Compounds	9.88	9.88	9.88					2.5E-02		1.6E-06	2.5E-02
7440-66-6	Zinc and Compounds	45.8	45.8	45.8					2.0E-03			2.0E-03
						Cumulative:		4.4E-06				3.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.609	0.609	0.609	1.7E-07	3.5E-08	3.6E-12	2.0E-07	1.0E-03	2.2E-04	1.6E-07	1.3E-03
7440-39-3	Barium	12.9	12.9	12.9					5.5E-05		9.9E-08	5.5E-05
7440-41-7	Beryllium and compounds	0.107	0.107	0.107			3.5E-13	3.5E-13	4.6E-05		2.1E-08	4.6E-05
7440-43-9	Cadmium (Diet)	0.0868	0.0868	0.0868			2.1E-13	2.1E-13	7.4E-04	1.3E-04	3.3E-08	8.7E-04
105-60-2	Caprolactam	0.163	0.163	0.163					2.8E-07	1.2E-07	2.9E-10	4.0E-07
16065-83-1	Chromium(III), Insoluble Salts	5.82	5.82	5.82					3.3E-06			3.3E-06
7440-48-4	Cobalt	4.01	4.01	4.01			5.0E-11	5.0E-11	1.1E-02		2.6E-06	1.1E-02
7440-50-8	Copper	8.6	8.6	8.6					1.8E-04			1.8E-04
7439-92-1	~Lead and Compounds	10.6	10.6	10.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	78.2	78.2	78.2					2.8E-03		6.0E-06	2.8E-03
75-09-2	Methylene Chloride	0.0158	0.0158	0.0158	9.7E-12		4.1E-12	1.4E-11	2.3E-06		1.9E-06	4.2E-06
7440-02-0	Nickel Soluble Salts	12.8	12.8	12.8			4.6E-12	4.6E-12	5.5E-04		4.9E-06	5.5E-04
56-55-3	~Benz[a]anthracene	0.301	0.301	0.301	9.2E-09	5.1E-09	3.1E-10	1.5E-08				
50-32-8	~Benzo[a]pyrene	0.28	0.28	0.28	8.6E-08	4.7E-08	2.3E-13	1.3E-07	8.0E-04	4.4E-04	5.4E-07	1.2E-03
205-99-2	~Benzo[b]fluoranthene	0.365	0.365	0.365	1.1E-08	6.1E-09	3.0E-14	1.7E-08				
207-08-9	~Benzo[k]fluoranthene	0.136	0.136	0.136	4.2E-10	2.3E-10	1.1E-15	6.4E-10				
218-01-9	~Chrysene	0.271	0.271	0.271	8.3E-11	4.6E-11	2.2E-16	1.3E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0413	0.0413	0.0413	1.3E-08	6.9E-09	3.4E-14	2.0E-08				
206-44-0	~Fluoranthene	0.391	0.391	0.391					8.4E-06	4.6E-06		1.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.168	0.168	0.168	5.1E-09	2.8E-09	1.4E-14	8.0E-09				
129-00-0	~Pyrene	0.49	0.49	0.49					1.4E-05	7.7E-06		2.2E-05
7440-22-4	Silver	0.0148	0.0148	0.0148					2.5E-06			2.5E-06
7440-62-2	Vanadium and Compounds	9.88	9.88	9.88					1.7E-03		3.8E-07	1.7E-03
7440-66-6	Zinc and Compounds	45.8	45.8	45.8					1.3E-04			1.3E-04
						Cumulative:		4.0E-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: NONCD0000823

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.609	0.609	0.609	3.4E-07	4.8E-08	5.6E-13	3.9E-07	6.7E-03	7.9E-04	2.3E-08	7.5E-03
7440-39-3	Barium	12.9	12.9	12.9					3.5E-04		1.5E-08	3.5E-04
7440-41-7	Beryllium and compounds	0.107	0.107	0.107			5.5E-14	5.5E-14	2.9E-04		3.1E-09	2.9E-04
7440-43-9	Cadmium (Diet)	0.0868	0.0868	0.0868			3.3E-14	3.3E-14	4.8E-03	4.5E-04	5.0E-09	5.2E-03
105-60-2	Caprolactam	0.163	0.163	0.163					1.8E-06	4.2E-07	4.3E-11	2.2E-06
16065-83-1	Chromium(III), Insoluble Salts	5.82	5.82	5.82					2.1E-05			2.1E-05
7440-48-4	Cobalt	4.01	4.01	4.01			7.7E-12	7.7E-12	7.3E-02		3.9E-07	7.3E-02
7440-50-8	Copper	8.6	8.6	8.6					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	10.6	10.6	10.6					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	78.2	78.2	78.2					1.8E-02		9.0E-07	1.8E-02
75-09-2	Methylene Chloride	0.0158	0.0158	0.0158	8.8E-11		1.8E-12	9.0E-11	1.4E-05		2.9E-07	1.5E-05
7440-02-0	Nickel Soluble Salts	12.8	12.8	12.8			7.1E-13	7.1E-13	3.5E-03		7.4E-07	3.5E-03
56-55-3	~Benz[a]anthracene	0.301	0.301	0.301	8.4E-08	2.8E-08	1.4E-10	1.1E-07				
50-32-8	~Benzo[a]pyrene	0.28	0.28	0.28	7.8E-07	2.6E-07	1.0E-13	**1.0E-06**	5.1E-03	1.6E-03	8.1E-08	6.7E-03
205-99-2	~Benzo[b]fluoranthene	0.365	0.365	0.365	1.0E-07	3.4E-08	1.3E-14	1.4E-07				
207-08-9	~Benzo[k]fluoranthene	0.136	0.136	0.136	3.8E-09	1.3E-09	4.8E-16	5.1E-09				
218-01-9	~Chrysene	0.271	0.271	0.271	7.6E-10	2.5E-10	9.7E-17	1.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0413	0.0413	0.0413	1.2E-07	3.9E-08	1.5E-14	1.5E-07				
206-44-0	~Fluoranthene	0.391	0.391	0.391					5.4E-05	1.7E-05		7.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.168	0.168	0.168	4.7E-08	1.6E-08	6.0E-15	6.3E-08				
129-00-0	~Pyrene	0.49	0.49	0.49					8.9E-05	2.8E-05		1.2E-04
7440-22-4	Silver	0.0148	0.0148	0.0148					1.6E-05			1.6E-05
7440-62-2	Vanadium and Compounds	9.88	9.88	9.88					1.1E-02		5.7E-08	1.1E-02
7440-66-6	Zinc and Compounds	45.8	45.8	45.8					8.4E-04			8.4E-04
						Cumulative:		1.9E-06				1.3E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-6 /DUP-SED Risk Assessment
Submittal Date:	3/3/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-6 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP-SED was sampled at this location. The highest concentration between the two was input into the calculator.

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
0.249	J	7440-36-0	Antimony (metallic)			mg/kg	DUP-SED									
2.6		7440-38-2	Arsenic, Inorganic			mg/kg	DUP-SED									
26	B	7440-39-3	Barium			mg/kg	DUP-SED									
0.314	J	7440-41-7	Beryllium and compounds			mg/kg	DUP-SED									
0.161	J	7440-43-9	Cadmium (Diet)			mg/kg	DUP-SED									
0.13	J*+	105-60-2	Caprolactam			mg/kg	DUP-SED									
43.9		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	DUP-SED									
7.12		18540-29-9	Chromium(VI)			mg/kg	DUP-SED									
6.16		7440-48-4	Cobalt			mg/kg	DUP-SED									
21.7	B	7440-50-8	Copper			mg/kg	DUP-SED									
18.3		7439-92-1	~Lead and Compounds			mg/kg	DUP-SED									
123		7439-96-5	Manganese (Non-diet)			mg/kg	DUP-SED									
0.0291	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-6									
0.0123	J	75-09-2	Methylene Chloride			mg/kg	DUP-SED									
18.5	B	7440-02-0	Nickel Soluble Salts			mg/kg	DUP-SED									
0.064	J	56-55-3	~Benz[a]anthracene			mg/kg	DUP-SED									
0.0614	J	50-32-8	~Benzo[a]pyrene			mg/kg	DUP-SED									
0.0933	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	DUP-SED									
0.0729	J	218-01-9	~Chrysene			mg/kg	DUP-SED									
0.197	J	206-44-0	~Fluoranthene			mg/kg	DUP-SED									
0.0362	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	DUP-SED									
0.167	J	129-00-0	~Pyrene			mg/kg	DUP-SED									
0.438	J	7782-49-2	Selenium			mg/kg	DUP-SED									
0.0199	J B	7440-22-4	Silver			mg/kg	DUP-SED									
0.0292	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-6									
22.3		7440-62-2	Vanadium and Compounds			mg/kg	DUP-SED									
50.8		7440-66-6	Zinc and Compounds			mg/kg	DUP-SED									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-6 //DUP-SED Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.2E-05	6.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.3E-06	4.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.1E-06	2.8E-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.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-6/DUP-SED Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.249	0.249	0.249					8.0E-03		1.3E-08	8.0E-03
7440-38-2	Arsenic, Inorganic	2.6	2.6	2.6	**3.4E-06**	4.7E-07	6.7E-11	3.8E-06	6.6E-02	7.9E-03	2.8E-06	7.4E-02
7440-39-3	Barium	26	26	26					1.7E-03		8.4E-07	1.7E-03
7440-41-7	Beryllium and compounds	0.314	0.314	0.314			4.5E-12	4.5E-12	2.0E-03		2.5E-07	2.0E-03
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	0.13	0.13	0.13					3.3E-06	7.9E-07	9.6E-10	4.1E-06
16065-83-1	Chromium(III), Insoluble Salts	43.9	43.9	43.9					3.7E-04			3.7E-04
18540-29-9	Chromium(VI)	7.12	7.12	7.12	**7.4E-06**		1.3E-09	7.4E-06	1.0E-01		3.8E-06	1.0E-01
7440-48-4	Cobalt	6.16	6.16	6.16			3.3E-10	3.3E-10	**2.6E-01**		1.7E-05	**2.6E-01**
7440-50-8	Copper	21.7	21.7	21.7					6.9E-03			6.9E-03
7439-92-1	~Lead and Compounds	18.3	18.3	18.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	123	123	123					6.6E-02		4.0E-05	6.6E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0291	0.0291	0.0291					1.2E-03		1.6E-09	1.2E-03
75-09-2	Methylene Chloride	0.0123	0.0123	0.0123	1.6E-10		3.9E-11	2.0E-10	2.6E-05		6.3E-06	3.2E-05
7440-02-0	Nickel Soluble Salts	18.5	18.5	18.5			2.9E-11	2.9E-11	1.2E-02		3.0E-05	1.2E-02
56-55-3	~Benz[a]anthracene	0.064	0.064	0.064	4.2E-08	1.4E-08	8.1E-10	5.7E-08				
50-32-8	~Benzo[a]pyrene	0.0614	0.0614	0.0614	4.0E-07	1.3E-07	6.1E-13	5.3E-07	2.6E-03	8.1E-04	5.0E-07	3.4E-03
205-99-2	~Benzo[b]fluoranthene	0.0933	0.0933	0.0933	6.1E-08	2.0E-08	9.3E-14	8.1E-08				
218-01-9	~Chrysene	0.0729	0.0729	0.0729	4.8E-10	1.6E-10	7.3E-16	6.3E-10				
206-44-0	~Fluoranthene	0.197	0.197	0.197					6.3E-05	1.9E-05		8.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0362	0.0362	0.0362	2.4E-08	7.9E-09	3.6E-14	3.2E-08				
129-00-0	~Pyrene	0.167	0.167	0.167					7.1E-05	2.2E-05		9.3E-05
7782-49-2	Selenium	0.438	0.438	0.438					1.1E-03		3.5E-10	1.1E-03
7440-22-4	Silver	0.0199	0.0199	0.0199					5.1E-05			5.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0292	0.0292	0.0292					3.7E-02			3.7E-02
7440-62-2	Vanadium and Compounds	22.3	22.3	22.3					5.7E-02		3.6E-06	5.7E-02
7440-66-6	Zinc and Compounds	50.8	50.8	50.8					2.2E-03			2.2E-03
						Cumulative:		1.2E-05				6.6E-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: NONCD0000823

Exposure Unit ID: SED-6/DUP-SED Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.249	0.249	0.249					5.3E-04		3.2E-09	5.3E-04
7440-38-2	Arsenic, Inorganic	2.6	2.6	2.6	7.2E-07	1.5E-07	1.5E-11	8.7E-07	4.5E-03	9.4E-04	6.7E-07	5.4E-03
7440-39-3	Barium	26	26	26					1.1E-04		2.0E-07	1.1E-04
7440-41-7	Beryllium and compounds	0.314	0.314	0.314			1.0E-12	1.0E-12	1.3E-04		6.0E-08	1.3E-04
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	0.13	0.13	0.13					2.2E-07	9.4E-08	2.3E-10	3.2E-07
16065-83-1	Chromium(III), Insoluble Salts	43.9	43.9	43.9					2.5E-05			2.5E-05
18540-29-9	Chromium(VI)	7.12	7.12	7.12	3.5E-07		1.1E-10	3.5E-07	6.8E-03		9.1E-07	6.8E-03
7440-48-4	Cobalt	6.16	6.16	6.16			7.6E-11	7.6E-11	1.8E-02		4.0E-06	1.8E-02
7440-50-8	Copper	21.7	21.7	21.7					4.6E-04			4.6E-04
7439-92-1	~Lead and Compounds	18.3	18.3	18.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	123	123	123					4.4E-03		9.5E-06	4.4E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0291	0.0291	0.0291					8.3E-05		3.7E-10	8.3E-05
75-09-2	Methylene Chloride	0.0123	0.0123	0.0123	7.5E-12		3.2E-12	1.1E-11	1.8E-06		1.5E-06	3.2E-06
7440-02-0	Nickel Soluble Salts	18.5	18.5	18.5			6.6E-12	6.6E-12	7.9E-04		7.1E-06	8.0E-04
56-55-3	~Benz[a]anthracene	0.064	0.064	0.064	2.0E-09	1.1E-09	6.7E-11	3.1E-09				
50-32-8	~Benzo[a]pyrene	0.0614	0.0614	0.0614	1.9E-08	1.0E-08	5.1E-14	2.9E-08	1.8E-04	9.6E-05	1.2E-07	2.7E-04
205-99-2	~Benzo[b]fluoranthene	0.0933	0.0933	0.0933	2.9E-09	1.6E-09	7.7E-15	4.4E-09				
218-01-9	~Chrysene	0.0729	0.0729	0.0729	2.2E-11	1.2E-11	6.0E-17	3.5E-11				
206-44-0	~Fluoranthene	0.197	0.197	0.197					4.2E-06	2.3E-06		6.5E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0362	0.0362	0.0362	1.1E-09	6.1E-10	3.0E-15	1.7E-09				
129-00-0	~Pyrene	0.167	0.167	0.167					4.8E-06	2.6E-06		7.4E-06
7782-49-2	Selenium	0.438	0.438	0.438					7.5E-05		8.4E-11	7.5E-05
7440-22-4	Silver	0.0199	0.0199	0.0199					3.4E-06			3.4E-06
7440-28-0	Thallium (Soluble Salts)	0.0292	0.0292	0.0292					2.5E-03			2.5E-03
7440-62-2	Vanadium and Compounds	22.3	22.3	22.3					3.8E-03		8.6E-07	3.8E-03
7440-66-6	Zinc and Compounds	50.8	50.8	50.8					1.4E-04			1.4E-04
						Cumulative:		1.3E-06				4.5E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-6/DUP-SED Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.249	0.249	0.249					3.4E-03		4.8E-10	3.4E-03
7440-38-2	Arsenic, Inorganic	2.6	2.6	2.6	**1.4E-06**	2.0E-07	2.4E-12	**1.6E-06**	2.8E-02	3.4E-03	1.0E-07	3.2E-02
7440-39-3	Barium	26	26	26					7.1E-04		3.0E-08	7.1E-04
7440-41-7	Beryllium and compounds	0.314	0.314	0.314			1.6E-13	1.6E-13	8.6E-04		9.1E-09	8.6E-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	0.13	0.13	0.13					1.4E-06	3.4E-07	3.4E-11	1.8E-06
18540-29-9	Chromium(VI)	7.12	7.12	7.12	**3.2E-06**		4.7E-11	**3.2E-06**	4.3E-02		1.4E-07	4.3E-02
7440-48-4	Cobalt	6.16	6.16	6.16			1.2E-11	1.2E-11	1.1E-01		5.9E-07	1.1E-01
7440-50-8	Copper	21.7	21.7	21.7					3.0E-03			3.0E-03
7439-92-1	~Lead and Compounds	18.3	18.3	18.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	123	123	123					2.8E-02		1.4E-06	2.8E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0291	0.0291	0.0291					5.3E-04		5.6E-11	5.3E-04
75-09-2	Methylene Chloride	0.0123	0.0123	0.0123	6.9E-11		1.4E-12	7.0E-11	1.1E-05		2.2E-07	1.1E-05
7440-02-0	Nickel Soluble Salts	18.5	18.5	18.5			1.0E-12	1.0E-12	5.1E-03		1.1E-06	5.1E-03
56-55-3	~Benz[a]anthracene	0.064	0.064	0.064	1.8E-08	6.0E-09	2.9E-11	2.4E-08				
50-32-8	~Benzo[a]pyrene	0.0614	0.0614	0.0614	1.7E-07	5.7E-08	2.2E-14	2.3E-07	1.1E-03	3.5E-04	1.8E-08	1.5E-03
205-99-2	~Benzo[b]fluoranthene	0.0933	0.0933	0.0933	2.6E-08	8.7E-09	3.3E-15	3.5E-08				
218-01-9	~Chrysene	0.0729	0.0729	0.0729	2.0E-10	6.8E-11	2.6E-17	2.7E-10				
206-44-0	~Fluoranthene	0.197	0.197	0.197					2.7E-05	8.3E-06		3.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0362	0.0362	0.0362	1.0E-08	3.4E-09	1.3E-15	1.4E-08				
129-00-0	~Pyrene	0.167	0.167	0.167					3.1E-05	9.4E-06		4.0E-05
7782-49-2	Selenium	0.438	0.438	0.438					4.8E-04		1.3E-11	4.8E-04
7440-22-4	Silver	0.0199	0.0199	0.0199					2.2E-05			2.2E-05
7440-28-0	Thallium (Soluble Salts)	0.0292	0.0292	0.0292					1.6E-02			1.6E-02
7440-62-2	Vanadium and Compounds	22.3	22.3	22.3					2.4E-02		1.3E-07	2.4E-02
7440-66-6	Zinc and Compounds	50.8	50.8	50.8					9.3E-04			9.3E-04
						Cumulative:		5.1E-06				2.8E-01

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.179	0.179	0.179					2.5E-03		3.4E-10	2.5E-03
7440-38-2	Arsenic, Inorganic	0.628	0.628	0.628	3.5E-07	4.9E-08	5.8E-13	4.0E-07	6.9E-03	8.2E-04	2.4E-08	7.7E-03
7440-39-3	Barium	23.4	23.4	23.4					6.4E-04		2.7E-08	6.4E-04
7440-41-7	Beryllium and compounds	0.151	0.151	0.151			7.8E-14	7.8E-14	4.1E-04		4.4E-09	4.1E-04
7440-43-9	Cadmium (Diet)	0.076	0.076	0.076			2.9E-14	2.9E-14	4.2E-03	4.0E-04	4.4E-09	4.6E-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	4.65	4.65	4.65					1.7E-05			1.7E-05
7440-48-4	Cobalt	5.8	5.8	5.8			1.1E-11	1.1E-11	1.1E-01		5.6E-07	1.1E-01
7440-50-8	Copper	14.1	14.1	14.1					1.9E-03			1.9E-03
51-28-5	Dinitrophenol, 2,4-	0.201	0.201	0.201					5.5E-04	1.3E-04		6.8E-04
7439-92-1	~Lead and Compounds	17.5	17.5	17.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	115	115	115					2.6E-02		1.3E-06	2.6E-02
7440-02-0	Nickel Soluble Salts	18.7	18.7	18.7			1.0E-12	1.0E-12	5.1E-03		1.1E-06	5.1E-03
56-55-3	~Benz[a]anthracene	0.094	0.094	0.094	2.6E-08	8.8E-09	4.2E-11	3.5E-08				
50-32-8	~Benzo[a]pyrene	0.235	0.235	0.235	6.6E-07	2.2E-07	8.4E-14	8.8E-07	4.3E-03	1.3E-03	6.8E-08	5.6E-03
205-99-2	~Benzo[b]fluoranthene	0.29	0.29	0.29	8.1E-08	2.7E-08	1.0E-14	1.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.0894	0.0894	0.0894	2.5E-09	8.3E-10	3.2E-16	3.3E-09				
218-01-9	~Chrysene	0.137	0.137	0.137	3.8E-10	1.3E-10	4.9E-17	5.1E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0402	0.0402	0.0402	1.1E-07	3.8E-08	1.4E-14	1.5E-07				
206-44-0	~Fluoranthene	0.195	0.195	0.195					2.7E-05	8.2E-06		3.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.193	0.193	0.193	5.4E-08	1.8E-08	6.9E-15	7.2E-08				
129-00-0	~Pyrene	0.204	0.204	0.204					3.7E-05	1.1E-05		4.9E-05
7782-49-2	Selenium	0.146	0.146	0.146					1.6E-04		4.2E-12	1.6E-04
7440-22-4	Silver	0.0196	0.0196	0.0196					2.1E-05			2.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0563	0.0563	0.0563					3.1E-02			3.1E-02
7440-62-2	Vanadium and Compounds	13.5	13.5	13.5					1.5E-02		7.8E-08	1.5E-02
7440-66-6	Zinc and Compounds	64.6	64.6	64.6					1.2E-03			1.2E-03
						Cumulative:		1.6E-06				2.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-7 Risk Assessment
Submittal Date:	3/3/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.179	J	7440-36-0	Antimony (metallic)			mg/kg	SED-7									
0.628		7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
23.4	B	7440-39-3	Barium			mg/kg	SED-7									
0.151	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
0.076	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
0.137	J *+	105-60-2	Caprolactam			mg/kg	SED-7									
4.65		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-7									
5.8		7440-48-4	Cobalt			mg/kg	SED-7									
14.1	B	7440-50-8	Copper			mg/kg	SED-7									
0.201	J	51-28-5	Dinitrophenol, 2,4-			mg/kg	SED-7									
17.5		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
115		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
18.7	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
0.094	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-7									
0.235	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-7									
0.29	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
0.0894	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-7									
0.137	J	218-01-9	~Chrysene			mg/kg	SED-7									
0.0402	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-7									
0.195	J	206-44-0	~Fluoranthene			mg/kg	SED-7									
0.193	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-7									
0.204	J	129-00-0	~Pyrene			mg/kg	SED-7									
0.146	J	7782-49-2	Selenium			mg/kg	SED-7									
0.0196	J B	7440-22-4	Silver			mg/kg	SED-7									
0.0563	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-7									
13.5		7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
64.6		7440-66-6	Zinc and Compounds			mg/kg	SED-7									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.8E-06	4.9E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.7E-07	3.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.6E-06	2.1E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.179	0.179	0.179					5.7E-03		9.6E-09	5.7E-03
7440-38-2	Arsenic, Inorganic	0.628	0.628	0.628	8.1E-07	1.1E-07	1.6E-11	9.3E-07	1.6E-02	1.9E-03	6.8E-07	1.8E-02
7440-39-3	Barium	23.4	23.4	23.4					1.5E-03		7.6E-07	1.5E-03
7440-41-7	Beryllium and compounds	0.151	0.151	0.151			2.2E-12	2.2E-12	9.7E-04		1.2E-07	9.7E-04
7440-43-9	Cadmium (Diet)	0.076	0.076	0.076			8.2E-13	8.2E-13	9.7E-03	9.2E-04	1.2E-07	1.1E-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	4.65	4.65	4.65					4.0E-05			4.0E-05
7440-48-4	Cobalt	5.8	5.8	5.8			3.1E-10	3.1E-10	**2.5E-01**		1.6E-05	**2.5E-01**
7440-50-8	Copper	14.1	14.1	14.1					4.5E-03			4.5E-03
51-28-5	Dinitrophenol, 2,4-	0.201	0.201	0.201					1.3E-03	3.0E-04		1.6E-03
7439-92-1	~Lead and Compounds	17.5	17.5	17.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	115	115	115					6.1E-02		3.7E-05	6.1E-02
7440-02-0	Nickel Soluble Salts	18.7	18.7	18.7			2.9E-11	2.9E-11	1.2E-02		3.0E-05	1.2E-02
56-55-3	~Benz[a]anthracene	0.094	0.094	0.094	6.1E-08	2.0E-08	1.2E-09	8.3E-08				
50-32-8	~Benzo[a]pyrene	0.235	0.235	0.235	**1.5E-06**	5.1E-07	2.3E-12	2.0E-06	1.0E-02	3.1E-03	1.9E-06	1.3E-02
205-99-2	~Benzo[b]fluoranthene	0.29	0.29	0.29	1.9E-07	6.3E-08	2.9E-13	2.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.0894	0.0894	0.0894	5.8E-09	1.9E-09	8.9E-15	7.8E-09				
218-01-9	~Chrysene	0.137	0.137	0.137	8.9E-10	3.0E-10	1.4E-15	1.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0402	0.0402	0.0402	2.6E-07	8.8E-08	4.0E-13	3.5E-07				
206-44-0	~Fluoranthene	0.195	0.195	0.195					6.2E-05	1.9E-05		8.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.193	0.193	0.193	1.3E-07	4.2E-08	1.9E-13	1.7E-07				
129-00-0	~Pyrene	0.204	0.204	0.204					8.7E-05	2.7E-05		1.1E-04
7782-49-2	Selenium	0.146	0.146	0.146					3.7E-04		1.2E-10	3.7E-04
7440-22-4	Silver	0.0196	0.0196	0.0196					5.0E-05			5.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0563	0.0563	0.0563					7.2E-02			7.2E-02
7440-62-2	Vanadium and Compounds	13.5	13.5	13.5					3.4E-02		2.2E-06	3.4E-02
7440-66-6	Zinc and Compounds	64.6	64.6	64.6					2.8E-03			2.8E-03
						Cumulative:		3.8E-06				4.9E-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: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.179	0.179	0.179					3.8E-04		2.3E-09	3.8E-04
7440-38-2	Arsenic, Inorganic	0.628	0.628	0.628	1.7E-07	3.7E-08	3.7E-12	2.1E-07	1.1E-03	2.3E-04	1.6E-07	1.3E-03
7440-39-3	Barium	23.4	23.4	23.4					1.0E-04		1.8E-07	1.0E-04
7440-41-7	Beryllium and compounds	0.151	0.151	0.151			5.0E-13	5.0E-13	6.5E-05		2.9E-08	6.5E-05
7440-43-9	Cadmium (Diet)	0.076	0.076	0.076			1.9E-13	1.9E-13	6.5E-04	1.1E-04	2.9E-08	7.6E-04
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	4.65	4.65	4.65					2.7E-06			2.7E-06
7440-48-4	Cobalt	5.8	5.8	5.8			7.2E-11	7.2E-11	1.7E-02		3.7E-06	1.7E-02
7440-50-8	Copper	14.1	14.1	14.1					3.0E-04			3.0E-04
51-28-5	Dinitrophenol, 2,4-	0.201	0.201	0.201					8.6E-05	3.6E-05		1.2E-04
7439-92-1	~Lead and Compounds	17.5	17.5	17.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	115	115	115					4.1E-03		8.9E-06	4.1E-03
7440-02-0	Nickel Soluble Salts	18.7	18.7	18.7			6.7E-12	6.7E-12	8.0E-04		7.2E-06	8.1E-04
56-55-3	~Benz[a]anthracene	0.094	0.094	0.094	2.9E-09	1.6E-09	9.8E-11	4.6E-09				
50-32-8	~Benzo[a]pyrene	0.235	0.235	0.235	7.2E-08	4.0E-08	1.9E-13	1.1E-07	6.7E-04	3.7E-04	4.5E-07	1.0E-03
205-99-2	~Benzo[b]fluoranthene	0.29	0.29	0.29	8.9E-09	4.9E-09	2.4E-14	1.4E-08				
207-08-9	~Benzo[k]fluoranthene	0.0894	0.0894	0.0894	2.7E-10	1.5E-10	7.4E-16	4.2E-10				
218-01-9	~Chrysene	0.137	0.137	0.137	4.2E-11	2.3E-11	1.1E-16	6.5E-11				
53-70-3	~Dibenz[a,h]anthracene	0.0402	0.0402	0.0402	1.2E-08	6.8E-09	3.3E-14	1.9E-08				
206-44-0	~Fluoranthene	0.195	0.195	0.195					4.2E-06	2.3E-06		6.5E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.193	0.193	0.193	5.9E-09	3.2E-09	1.6E-14	9.1E-09				
129-00-0	~Pyrene	0.204	0.204	0.204					5.8E-06	3.2E-06		9.0E-06
7782-49-2	Selenium	0.146	0.146	0.146					2.5E-05		2.8E-11	2.5E-05
7440-22-4	Silver	0.0196	0.0196	0.0196					3.4E-06			3.4E-06
7440-28-0	Thallium (Soluble Salts)	0.0563	0.0563	0.0563					4.8E-03			4.8E-03
7440-62-2	Vanadium and Compounds	13.5	13.5	13.5					2.3E-03		5.2E-07	2.3E-03
7440-66-6	Zinc and Compounds	64.6	64.6	64.6					1.8E-04			1.8E-04
						Cumulative:		3.7E-07				3.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.179	0.179	0.179					2.5E-03		3.4E-10	2.5E-03
7440-38-2	Arsenic, Inorganic	0.628	0.628	0.628	3.5E-07	4.9E-08	5.8E-13	4.0E-07	6.9E-03	8.2E-04	2.4E-08	7.7E-03
7440-39-3	Barium	23.4	23.4	23.4					6.4E-04		2.7E-08	6.4E-04
7440-41-7	Beryllium and compounds	0.151	0.151	0.151			7.8E-14	7.8E-14	4.1E-04		4.4E-09	4.1E-04
7440-43-9	Cadmium (Diet)	0.076	0.076	0.076			2.9E-14	2.9E-14	4.2E-03	4.0E-04	4.4E-09	4.6E-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	4.65	4.65	4.65					1.7E-05			1.7E-05
7440-48-4	Cobalt	5.8	5.8	5.8			1.1E-11	1.1E-11	1.1E-01		5.6E-07	1.1E-01
7440-50-8	Copper	14.1	14.1	14.1					1.9E-03			1.9E-03
51-28-5	Dinitrophenol, 2,4-	0.201	0.201	0.201					5.5E-04	1.3E-04		6.8E-04
7439-92-1	~Lead and Compounds	17.5	17.5	17.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	115	115	115					2.6E-02		1.3E-06	2.6E-02
7440-02-0	Nickel Soluble Salts	18.7	18.7	18.7			1.0E-12	1.0E-12	5.1E-03		1.1E-06	5.1E-03
56-55-3	~Benz[a]anthracene	0.094	0.094	0.094	2.6E-08	8.8E-09	4.2E-11	3.5E-08				
50-32-8	~Benzo[a]pyrene	0.235	0.235	0.235	6.6E-07	2.2E-07	8.4E-14	8.8E-07	4.3E-03	1.3E-03	6.8E-08	5.6E-03
205-99-2	~Benzo[b]fluoranthene	0.29	0.29	0.29	8.1E-08	2.7E-08	1.0E-14	1.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.0894	0.0894	0.0894	2.5E-09	8.3E-10	3.2E-16	3.3E-09				
218-01-9	~Chrysene	0.137	0.137	0.137	3.8E-10	1.3E-10	4.9E-17	5.1E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0402	0.0402	0.0402	1.1E-07	3.8E-08	1.4E-14	1.5E-07				
206-44-0	~Fluoranthene	0.195	0.195	0.195					2.7E-05	8.2E-06		3.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.193	0.193	0.193	5.4E-08	1.8E-08	6.9E-15	7.2E-08				
129-00-0	~Pyrene	0.204	0.204	0.204					3.7E-05	1.1E-05		4.9E-05
7782-49-2	Selenium	0.146	0.146	0.146					1.6E-04		4.2E-12	1.6E-04
7440-22-4	Silver	0.0196	0.0196	0.0196					2.1E-05			2.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0563	0.0563	0.0563					3.1E-02			3.1E-02
7440-62-2	Vanadium and Compounds	13.5	13.5	13.5					1.5E-02		7.8E-08	1.5E-02
7440-66-6	Zinc and Compounds	64.6	64.6	64.6					1.2E-03			1.2E-03
						Cumulative:		1.6E-06				2.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-8 Risk Assessment
Submittal Date:	2/11/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-8 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.658		7440-38-2	Arsenic, Inorganic			mg/kg	SED-8									
12.3	B	7440-39-3	Barium			mg/kg	SED-8									
0.182	J	7440-41-7	Beryllium and compounds			mg/kg	SED-8									
0.0794	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-8									
0.157	J F1 *+	105-60-2	Caprolactam			mg/kg	SED-8									
7.32		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-8									
4.88		7440-48-4	Cobalt			mg/kg	SED-8									
11.7	B	7440-50-8	Copper			mg/kg	SED-8									
0.0529	J	132-64-9	~Dibenzofuran			mg/kg	SED-8									
10.2		7439-92-1	~Lead and Compounds			mg/kg	SED-8									
103		7439-96-5	Manganese (Non-diet)			mg/kg	SED-8									
14.8	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-8									
0.151	J	83-32-9	~Acenaphthene			mg/kg	SED-8									
0.116	J	120-12-7	~Anthracene			mg/kg	SED-8									
0.677		56-55-3	~Benz[a]anthracene			mg/kg	SED-8									
0.603		50-32-8	~Benzo[a]pyrene			mg/kg	SED-8									
0.89		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-8									
0.321	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-8									
0.769		218-01-9	~Chrysene			mg/kg	SED-8									
0.0971	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-8									
2.13	F1	206-44-0	~Fluoranthene			mg/kg	SED-8									
0.114	J	86-73-7	~Fluorene			mg/kg	SED-8									
0.415	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-8									
1.58		129-00-0	~Pyrene			mg/kg	SED-8									
0.00909	J B	7440-22-4	Silver			mg/kg	SED-8									
11.6		7440-62-2	Vanadium and Compounds			mg/kg	SED-8									
71.5		7440-66-6	Zinc and Compounds			mg/kg	SED-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	8.8E-06	3.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.5E-07	2.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.8E-06	1.6E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.658	0.658	0.658	8.5E-07	1.2E-07	1.7E-11	9.7E-07	1.7E-02	2.0E-03	7.1E-07	1.9E-02
7440-39-3	Barium	12.3	12.3	12.3					7.9E-04		4.0E-07	7.9E-04
7440-41-7	Beryllium and compounds	0.182	0.182	0.182			2.6E-12	2.6E-12	1.2E-03		1.5E-07	1.2E-03
7440-43-9	Cadmium (Diet)	0.0794	0.0794	0.0794			8.6E-13	8.6E-13	1.0E-02	9.6E-04	1.3E-07	1.1E-02
105-60-2	Caprolactam	0.157	0.157	0.157					4.0E-06	9.5E-07	1.2E-09	5.0E-06
16065-83-1	Chromium(III), Insoluble Salts	7.32	7.32	7.32					6.2E-05			6.2E-05
7440-48-4	Cobalt	4.88	4.88	4.88			2.6E-10	2.6E-10	**2.1E-01**		1.3E-05	**2.1E-01**
7440-50-8	Copper	11.7	11.7	11.7					3.7E-03			3.7E-03
132-64-9	~Dibenzofuran	0.0529	0.0529	0.0529					6.8E-04			6.8E-04
7439-92-1	~Lead and Compounds	10.2	10.2	10.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	103	103	103					5.5E-02		3.3E-05	5.5E-02
7440-02-0	Nickel Soluble Salts	14.8	14.8	14.8			2.3E-11	2.3E-11	9.5E-03		2.4E-05	9.5E-03
83-32-9	~Acenaphthene	0.151	0.151	0.151					3.2E-05	9.9E-06		4.2E-05
120-12-7	~Anthracene	0.116	0.116	0.116					4.9E-06	1.5E-06		6.5E-06
56-55-3	~Benz[a]anthracene	0.677	0.677	0.677	4.4E-07	1.5E-07	8.5E-09	6.0E-07				
50-32-8	~Benzo[a]pyrene	0.603	0.603	0.603	**3.9E-06**	**1.3E-06**	6.0E-12	5.3E-06	2.6E-02	7.9E-03	4.9E-06	3.4E-02
205-99-2	~Benzo[b]fluoranthene	0.89	0.89	0.89	5.8E-07	1.9E-07	8.9E-13	7.8E-07				
207-08-9	~Benzo[k]fluoranthene	0.321	0.321	0.321	2.1E-08	7.0E-09	3.2E-14	2.8E-08				
218-01-9	~Chrysene	0.769	0.769	0.769	5.0E-09	1.7E-09	7.7E-15	6.7E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0971	0.0971	0.0971	6.3E-07	2.1E-07	9.7E-13	8.5E-07				
206-44-0	~Fluoranthene	2.13	2.13	2.13					6.8E-04	2.1E-04		8.9E-04
86-73-7	~Fluorene	0.114	0.114	0.114					3.6E-05	1.1E-05		4.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.415	0.415	0.415	2.7E-07	9.0E-08	4.1E-13	3.6E-07				
129-00-0	~Pyrene	1.58	1.58	1.58					6.7E-04	2.1E-04		8.8E-04
7440-22-4	Silver	0.00909	0.00909	0.00909					2.3E-05			2.3E-05
7440-62-2	Vanadium and Compounds	11.6	11.6	11.6					2.9E-02		1.9E-06	2.9E-02
7440-66-6	Zinc and Compounds	71.5	71.5	71.5					3.0E-03			3.0E-03
						Cumulative:		8.8E-06				3.8E-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: NONCD0000823

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.658	0.658	0.658	1.8E-07	3.8E-08	3.9E-12	2.2E-07	1.1E-03	2.4E-04	1.7E-07	1.4E-03
7440-39-3	Barium	12.3	12.3	12.3					5.3E-05		9.5E-08	5.3E-05
7440-41-7	Beryllium and compounds	0.182	0.182	0.182			6.0E-13	6.0E-13	7.8E-05		3.5E-08	7.8E-05
7440-43-9	Cadmium (Diet)	0.0794	0.0794	0.0794			2.0E-13	2.0E-13	6.8E-04	1.2E-04	3.1E-08	7.9E-04
105-60-2	Caprolactam	0.157	0.157	0.157					2.7E-07	1.1E-07	2.7E-10	3.8E-07
16065-83-1	Chromium(III), Insoluble Salts	7.32	7.32	7.32					4.2E-06			4.2E-06
7440-48-4	Cobalt	4.88	4.88	4.88			6.0E-11	6.0E-11	1.4E-02		3.1E-06	1.4E-02
7440-50-8	Copper	11.7	11.7	11.7					2.5E-04			2.5E-04
132-64-9	~Dibenzofuran	0.0529	0.0529	0.0529					4.5E-05			4.5E-05
7439-92-1	~Lead and Compounds	10.2	10.2	10.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	103	103	103					3.7E-03		7.9E-06	3.7E-03
7440-02-0	Nickel Soluble Salts	14.8	14.8	14.8			5.3E-12	5.3E-12	6.3E-04		5.7E-06	6.4E-04
83-32-9	~Acenaphthene	0.151	0.151	0.151					2.2E-06	1.2E-06		3.3E-06
120-12-7	~Anthracene	0.116	0.116	0.116					3.3E-07	1.8E-07		5.1E-07
56-55-3	~Benz[a]anthracene	0.677	0.677	0.677	2.1E-08	1.1E-08	7.1E-10	3.3E-08				
50-32-8	~Benzo[a]pyrene	0.603	0.603	0.603	1.8E-07	1.0E-07	5.0E-13	2.9E-07	1.7E-03	9.5E-04	1.2E-06	2.7E-03
205-99-2	~Benzo[b]fluoranthene	0.89	0.89	0.89	2.7E-08	1.5E-08	7.3E-14	4.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.321	0.321	0.321	9.8E-10	5.4E-10	2.6E-15	1.5E-09				
218-01-9	~Chrysene	0.769	0.769	0.769	2.4E-10	1.3E-10	6.3E-16	3.6E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0971	0.0971	0.0971	3.0E-08	1.6E-08	8.0E-14	4.6E-08				
206-44-0	~Fluoranthene	2.13	2.13	2.13					4.6E-05	2.5E-05		7.1E-05
86-73-7	~Fluorene	0.114	0.114	0.114					2.4E-06	1.3E-06		3.8E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.415	0.415	0.415	1.3E-08	7.0E-09	3.4E-14	2.0E-08				
129-00-0	~Pyrene	1.58	1.58	1.58					4.5E-05	2.5E-05		7.0E-05
7440-22-4	Silver	0.00909	0.00909	0.00909					1.6E-06			1.6E-06
7440-62-2	Vanadium and Compounds	11.6	11.6	11.6					2.0E-03		4.5E-07	2.0E-03
7440-66-6	Zinc and Compounds	71.5	71.5	71.5					2.0E-04			2.0E-04
						Cumulative:		6.5E-07				2.6E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-8 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-38-2	Arsenic, Inorganic	0.658	0.658	0.658	3.7E-07	5.1E-08	6.1E-13	4.2E-07	7.2E-03	8.6E-04	2.5E-08	8.1E-03
7440-39-3	Barium	12.3	12.3	12.3					3.4E-04		1.4E-08	3.4E-04
7440-41-7	Beryllium and compounds	0.182	0.182	0.182			9.4E-14	9.4E-14	5.0E-04		5.3E-09	5.0E-04
7440-43-9	Cadmium (Diet)	0.0794	0.0794	0.0794			3.1E-14	3.1E-14	4.4E-03	4.1E-04	4.6E-09	4.8E-03
105-60-2	Caprolactam	0.157	0.157	0.157					1.7E-06	4.1E-07	4.1E-11	2.1E-06
16065-83-1	Chromium(III), Insoluble Salts	7.32	7.32	7.32					2.7E-05			2.7E-05
7440-48-4	Cobalt	4.88	4.88	4.88			9.4E-12	9.4E-12	8.9E-02		4.7E-07	8.9E-02
7440-50-8	Copper	11.7	11.7	11.7					1.6E-03			1.6E-03
132-64-9	~Dibenzofuran	0.0529	0.0529	0.0529					2.9E-04			2.9E-04
7439-92-1	~Lead and Compounds	10.2	10.2	10.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	103	103	103					2.4E-02		1.2E-06	2.4E-02
7440-02-0	Nickel Soluble Salts	14.8	14.8	14.8			8.3E-13	8.3E-13	4.1E-03		8.5E-07	4.1E-03
83-32-9	~Acenaphthene	0.151	0.151	0.151					1.4E-05	4.3E-06		1.8E-05
120-12-7	~Anthracene	0.116	0.116	0.116					2.1E-06	6.5E-07		2.8E-06
56-55-3	~Benz[a]anthracene	0.677	0.677	0.677	1.9E-07	6.3E-08	3.0E-10	2.5E-07				
50-32-8	~Benzo[a]pyrene	0.603	0.603	0.603	**1.7E-06**	5.6E-07	2.1E-13	**2.3E-06**	1.1E-02	3.4E-03	1.7E-07	1.4E-02
205-99-2	~Benzo[b]fluoranthene	0.89	0.89	0.89	2.5E-07	8.3E-08	3.2E-14	3.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.321	0.321	0.321	9.0E-09	3.0E-09	1.1E-15	1.2E-08				
218-01-9	~Chrysene	0.769	0.769	0.769	2.2E-09	7.2E-10	2.7E-16	2.9E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0971	0.0971	0.0971	2.7E-07	9.1E-08	3.5E-14	3.6E-07				
206-44-0	~Fluoranthene	2.13	2.13	2.13					2.9E-04	9.0E-05		3.8E-04
86-73-7	~Fluorene	0.114	0.114	0.114					1.6E-05	4.8E-06		2.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.415	0.415	0.415	1.2E-07	3.9E-08	1.5E-14	1.5E-07				
129-00-0	~Pyrene	1.58	1.58	1.58					2.9E-04	8.9E-05		3.8E-04
7440-22-4	Silver	0.00909	0.00909	0.00909					1.0E-05			1.0E-05
7440-62-2	Vanadium and Compounds	11.6	11.6	11.6					1.3E-02		6.7E-08	1.3E-02
7440-66-6	Zinc and Compounds	71.5	71.5	71.5					1.3E-03			1.3E-03
						Cumulative:		3.8E-06				1.6E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-9 Risk Assessment
Submittal Date:	3/4/2026
Prepared By:	Macy Courtney
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-9 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.471	J	7440-36-0	Antimony (metallic)			mg/kg	SED-9									
1.23		7440-38-2	Arsenic, Inorganic			mg/kg	SED-9									
18.9	B	7440-39-3	Barium			mg/kg	SED-9									
0.34	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.104	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
16.9		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-9									
1.06	J F1 F2	18540-29-9	Chromium(VI)			mg/kg	SED-9									
4.28		7440-48-4	Cobalt			mg/kg	SED-9									
17.7	B	7440-50-8	Copper			mg/kg	SED-9									
11.9		7439-92-1	~Lead and Compounds			mg/kg	SED-9									
114		7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
0.0174	J	75-09-2	Methylene Chloride			mg/kg	SED-9									
13.2	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-9									
0.0659	J F1	83-32-9	~Acenaphthene			mg/kg	SED-9									
0.137	J	120-12-7	~Anthracene			mg/kg	SED-9									
0.51		56-55-3	~Benz[a]anthracene			mg/kg	SED-9									
0.483		50-32-8	~Benzo[a]pyrene			mg/kg	SED-9									
0.649		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.235	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-9									
0.485		218-01-9	~Chrysene			mg/kg	SED-9									
0.0733	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-9									
1.27		206-44-0	~Fluoranthene			mg/kg	SED-9									
0.0766	J	86-73-7	~Fluorene			mg/kg	SED-9									
0.317	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-9									
0.992		129-00-0	~Pyrene			mg/kg	SED-9									
0.237	J	7782-49-2	Selenium			mg/kg	SED-9									
0.0121	J B	7440-22-4	Silver			mg/kg	SED-9									
0.108	J B	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-9									
14.2		7440-62-2	Vanadium and Compounds			mg/kg	SED-9									
59.8		7440-66-6	Zinc and Compounds			mg/kg	SED-9									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-9 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	9.1E-06	5.5E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	8.0E-07	3.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.9E-06	2.3E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-9 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.471	0.471	0.471					1.5E-02		2.5E-08	1.5E-02
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	**1.6E-06**	2.2E-07	3.2E-11	1.8E-06	3.1E-02	3.7E-03	1.3E-06	3.5E-02
7440-39-3	Barium	18.9	18.9	18.9					1.2E-03		6.1E-07	1.2E-03
7440-41-7	Beryllium and compounds	0.34	0.34	0.34			4.9E-12	4.9E-12	2.2E-03		2.7E-07	2.2E-03
7440-43-9	Cadmium (Diet)	0.104	0.104	0.104			1.1E-12	1.1E-12	1.3E-02	1.3E-03	1.7E-07	1.5E-02
16065-83-1	Chromium(III), Insoluble Salts	16.9	16.9	16.9					1.4E-04			1.4E-04
18540-29-9	Chromium(VI)	1.06	1.06	1.06	**1.1E-06**		1.9E-10	1.1E-06	1.5E-02		5.7E-07	1.5E-02
7440-48-4	Cobalt	4.28	4.28	4.28			2.3E-10	2.3E-10	1.8E-01		1.2E-05	1.8E-01
7440-50-8	Copper	17.7	17.7	17.7					5.7E-03			5.7E-03
7439-92-1	~Lead and Compounds	11.9	11.9	11.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	114	114	114					6.1E-02		3.7E-05	6.1E-02
75-09-2	Methylene Chloride	0.0174	0.0174	0.0174	2.3E-10		5.5E-11	2.8E-10	3.7E-05		8.9E-06	4.6E-05
7440-02-0	Nickel Soluble Salts	13.2	13.2	13.2			2.1E-11	2.1E-11	8.4E-03		2.1E-05	8.5E-03
83-32-9	~Acenaphthene	0.0659	0.0659	0.0659					1.4E-05	4.3E-06		1.8E-05
120-12-7	~Anthracene	0.137	0.137	0.137					5.8E-06	1.8E-06		7.6E-06
56-55-3	~Benz[a]anthracene	0.51	0.51	0.51	3.3E-07	1.1E-07	6.4E-09	4.5E-07				
50-32-8	~Benzo[a]pyrene	0.483	0.483	0.483	**3.2E-06**	**1.1E-06**	4.8E-12	4.2E-06	2.1E-02	6.4E-03	3.9E-06	2.7E-02
205-99-2	~Benzo[b]fluoranthene	0.649	0.649	0.649	4.2E-07	1.4E-07	6.5E-13	5.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.235	0.235	0.235	1.5E-08	5.1E-09	2.3E-14	2.0E-08				
218-01-9	~Chrysene	0.485	0.485	0.485	3.2E-09	1.1E-09	4.8E-15	4.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0733	0.0733	0.0733	4.8E-07	1.6E-07	7.3E-13	6.4E-07				
206-44-0	~Fluoranthene	1.27	1.27	1.27					4.1E-04	1.3E-04		5.3E-04
86-73-7	~Fluorene	0.0766	0.0766	0.0766					2.4E-05	7.6E-06		3.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.317	0.317	0.317	2.1E-07	6.9E-08	3.2E-13	2.8E-07				
129-00-0	~Pyrene	0.992	0.992	0.992					4.2E-04	1.3E-04		5.5E-04
7782-49-2	Selenium	0.237	0.237	0.237					6.1E-04		1.9E-10	6.1E-04
7440-22-4	Silver	0.0121	0.0121	0.0121					3.1E-05			3.1E-05
7440-28-0	Thallium (Soluble Salts)	0.108	0.108	0.108					1.4E-01			1.4E-01
7440-62-2	Vanadium and Compounds	14.2	14.2	14.2					3.6E-02		2.3E-06	3.6E-02
7440-66-6	Zinc and Compounds	59.8	59.8	59.8					2.5E-03			2.5E-03
						Cumulative:		9.1E-06				5.5E-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: NONCD0000823

Exposure Unit ID: SED-9 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.471	0.471	0.471					1.0E-03		6.0E-09	1.0E-03
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	3.4E-07	7.2E-08	7.3E-12	4.1E-07	2.1E-03	4.5E-04	3.2E-07	2.6E-03
7440-39-3	Barium	18.9	18.9	18.9					8.1E-05		1.5E-07	8.1E-05
7440-41-7	Beryllium and compounds	0.34	0.34	0.34			1.1E-12	1.1E-12	1.5E-04		6.5E-08	1.5E-04
7440-43-9	Cadmium (Diet)	0.104	0.104	0.104			2.6E-13	2.6E-13	8.9E-04	1.5E-04	4.0E-08	1.0E-03
16065-83-1	Chromium(III), Insoluble Salts	16.9	16.9	16.9					9.6E-06			9.6E-06
18540-29-9	Chromium(VI)	1.06	1.06	1.06	5.2E-08		1.6E-11	5.2E-08	1.0E-03		1.4E-07	1.0E-03
7440-48-4	Cobalt	4.28	4.28	4.28			5.3E-11	5.3E-11	1.2E-02		2.7E-06	1.2E-02
7440-50-8	Copper	17.7	17.7	17.7					3.8E-04			3.8E-04
7439-92-1	~Lead and Compounds	11.9	11.9	11.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	114	114	114					4.1E-03		8.8E-06	4.1E-03
75-09-2	Methylene Chloride	0.0174	0.0174	0.0174	1.1E-11		4.5E-12	1.5E-11	2.5E-06		2.1E-06	4.6E-06
7440-02-0	Nickel Soluble Salts	13.2	13.2	13.2			4.7E-12	4.7E-12	5.7E-04		5.1E-06	5.7E-04
83-32-9	~Acenaphthene	0.0659	0.0659	0.0659					9.4E-07	5.2E-07		1.5E-06
120-12-7	~Anthracene	0.137	0.137	0.137					3.9E-07	2.2E-07		6.1E-07
56-55-3	~Benz[a]anthracene	0.51	0.51	0.51	1.6E-08	8.6E-09	5.3E-10	2.5E-08				
50-32-8	~Benzo[a]pyrene	0.483	0.483	0.483	1.5E-07	8.1E-08	4.0E-13	2.3E-07	1.4E-03	7.6E-04	9.3E-07	2.1E-03
205-99-2	~Benzo[b]fluoranthene	0.649	0.649	0.649	2.0E-08	1.1E-08	5.4E-14	3.1E-08				
207-08-9	~Benzo[k]fluoranthene	0.235	0.235	0.235	7.2E-10	4.0E-10	1.9E-15	1.1E-09				
218-01-9	~Chrysene	0.485	0.485	0.485	1.5E-10	8.2E-11	4.0E-16	2.3E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0733	0.0733	0.0733	2.2E-08	1.2E-08	6.0E-14	3.5E-08				
206-44-0	~Fluoranthene	1.27	1.27	1.27					2.7E-05	1.5E-05		4.2E-05
86-73-7	~Fluorene	0.0766	0.0766	0.0766					1.6E-06	9.0E-07		2.5E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.317	0.317	0.317	9.7E-09	5.3E-09	2.6E-14	1.5E-08				
129-00-0	~Pyrene	0.992	0.992	0.992					2.8E-05	1.6E-05		4.4E-05
7782-49-2	Selenium	0.237	0.237	0.237					4.1E-05		4.6E-11	4.1E-05
7440-22-4	Silver	0.0121	0.0121	0.0121					2.1E-06			2.1E-06
7440-28-0	Thallium (Soluble Salts)	0.108	0.108	0.108					9.2E-03			9.2E-03
7440-62-2	Vanadium and Compounds	14.2	14.2	14.2					2.4E-03		5.5E-07	2.4E-03
7440-66-6	Zinc and Compounds	59.8	59.8	59.8					1.7E-04			1.7E-04
						Cumulative:		8.0E-07				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: NONCD0000823

Exposure Unit ID: SED-9 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-36-0	Antimony (metallic)	0.471	0.471	0.471					6.5E-03		9.1E-10	6.5E-03
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	6.8E-07	9.6E-08	1.1E-12	7.8E-07	1.3E-02	1.6E-03	4.7E-08	1.5E-02
7440-39-3	Barium	18.9	18.9	18.9					5.2E-04		2.2E-08	5.2E-04
7440-41-7	Beryllium and compounds	0.34	0.34	0.34			1.7E-13	1.7E-13	9.3E-04		9.8E-09	9.3E-04
7440-43-9	Cadmium (Diet)	0.104	0.104	0.104			4.0E-14	4.0E-14	5.7E-03	5.4E-04	6.0E-09	6.2E-03
16065-83-1	Chromium(III), Insoluble Salts	16.9	16.9	16.9					6.2E-05			6.2E-05
18540-29-9	Chromium(VI)	1.06	1.06	1.06	4.7E-07		6.9E-12	4.7E-07	6.5E-03		2.0E-08	6.5E-03
7440-48-4	Cobalt	4.28	4.28	4.28			8.3E-12	8.3E-12	7.8E-02		4.1E-07	7.8E-02
7440-50-8	Copper	17.7	17.7	17.7					2.4E-03			2.4E-03
7439-92-1	~Lead and Compounds	11.9	11.9	11.9					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	114	114	114					2.6E-02		1.3E-06	2.6E-02
75-09-2	Methylene Chloride	0.0174	0.0174	0.0174	9.7E-11		2.0E-12	9.9E-11	1.6E-05		3.2E-07	1.6E-05
7440-02-0	Nickel Soluble Salts	13.2	13.2	13.2			7.4E-13	7.4E-13	3.6E-03		7.6E-07	3.6E-03
83-32-9	~Acenaphthene	0.0659	0.0659	0.0659					6.0E-06	1.9E-06		7.9E-06
120-12-7	~Anthracene	0.137	0.137	0.137					2.5E-06	7.7E-07		3.3E-06
56-55-3	~Benz[a]anthracene	0.51	0.51	0.51	1.4E-07	4.8E-08	2.3E-10	1.9E-07				
50-32-8	~Benzo[a]pyrene	0.483	0.483	0.483	**1.4E-06**	4.5E-07	1.7E-13	**1.8E-06**	8.8E-03	2.7E-03	1.4E-07	1.2E-02
205-99-2	~Benzo[b]fluoranthene	0.649	0.649	0.649	1.8E-07	6.1E-08	2.3E-14	2.4E-07				
207-08-9	~Benzo[k]fluoranthene	0.235	0.235	0.235	6.6E-09	2.2E-09	8.4E-16	8.8E-09				
218-01-9	~Chrysene	0.485	0.485	0.485	1.4E-09	4.5E-10	1.7E-16	1.8E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0733	0.0733	0.0733	2.1E-07	6.8E-08	2.6E-14	2.7E-07				
206-44-0	~Fluoranthene	1.27	1.27	1.27					1.7E-04	5.4E-05		2.3E-04
86-73-7	~Fluorene	0.0766	0.0766	0.0766					1.0E-05	3.2E-06		1.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.317	0.317	0.317	8.9E-08	3.0E-08	1.1E-14	1.2E-07				
129-00-0	~Pyrene	0.992	0.992	0.992					1.8E-04	5.6E-05		2.4E-04
7782-49-2	Selenium	0.237	0.237	0.237					2.6E-04		6.8E-12	2.6E-04
7440-22-4	Silver	0.0121	0.0121	0.0121					1.3E-05			1.3E-05
7440-28-0	Thallium (Soluble Salts)	0.108	0.108	0.108					5.9E-02			5.9E-02
7440-62-2	Vanadium and Compounds	14.2	14.2	14.2					1.5E-02		8.2E-08	1.5E-02
7440-66-6	Zinc and Compounds	59.8	59.8	59.8					1.1E-03			1.1E-03
						Cumulative:		3.9E-06				2.3E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	2/18/2026
Prepared By:	Macy Courtney
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

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

Exposure Point Concentration (ug/L)	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
87	J	7664-41-7	Ammonia			ug/L	SW-1									
25.8		7440-39-3	Barium			ug/L	SW-1									
0.277	J	67-66-3	Chloroform			ug/L	SW-1									
2.61		7440-50-8	Copper			ug/L	SW-1									
37.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
23.9		7440-66-6	Zinc and Compounds			ug/L	SW-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

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*	9.1E-09	1.6E-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?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

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
7664-41-7	Ammonia	87	87						
7440-39-3	Barium	25.8	25.8				5.1E-04	3.9E-04	8.9E-04
67-66-3	Chloroform	0.277	0.277	4.6E-09	4.6E-09	9.1E-09	1.1E-04	5.8E-05	1.7E-04
7440-50-8	Copper	2.61	2.61				2.6E-04	1.4E-05	2.7E-04
7439-96-5	Manganese (Non-diet)	37.5	37.5				6.2E-03	8.2E-03	1.4E-02
7440-66-6	Zinc and Compounds	23.9	23.9				3.1E-04	1.0E-05	3.2E-04
					Cumulative:	9.1E-09			1.6E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-2 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-2 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	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
70	J	7664-41-7	Ammonia			ug/L	SW-2									
26		7440-39-3	Barium			ug/L	SW-2									
1.26	J	7440-50-8	Copper			ug/L	SW-2									
35.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
0.947	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
17.6		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	1.5E-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?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-2 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	70	70						
7440-39-3	Barium	26	26				5.1E-04	3.9E-04	9.0E-04
7440-50-8	Copper	1.26	1.26				1.2E-04	6.6E-06	1.3E-04
7439-96-5	Manganese (Non-diet)	35.6	35.6				5.9E-03	7.8E-03	1.4E-02
7440-02-0	Nickel Soluble Salts	0.947	0.947				1.9E-04	5.0E-05	2.4E-04
7440-66-6	Zinc and Compounds	17.6	17.6				2.3E-04	7.4E-06	2.4E-04
					Cumulative:	0.0E+00			1.5E-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- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-3 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-3 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	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
51	J	7664-41-7	Ammonia			ug/L	SW-3									
25.4		7440-39-3	Barium			ug/L	SW-3									
2.32		7440-50-8	Copper			ug/L	SW-3									
30.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
13.9		7440-66-6	Zinc and Compounds			ug/L	SW-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	1.3E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-3 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	51	51						
7440-39-3	Barium	25.4	25.4				5.0E-04	3.8E-04	8.8E-04
7440-50-8	Copper	2.32	2.32				2.3E-04	1.2E-05	2.4E-04
7439-96-5	Manganese (Non-diet)	30.2	30.2				5.0E-03	6.6E-03	1.2E-02
7440-66-6	Zinc and Compounds	13.9	13.9				1.8E-04	5.8E-06	1.9E-04
					Cumulative:	0.0E+00			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- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-4 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-4 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

Exposure Point Concentration (ug/L)	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	J	7664-41-7	Ammonia			ug/L	SW-4									
27.1		7440-39-3	Barium			ug/L	SW-4									
1.6	J	7440-50-8	Copper			ug/L	SW-4									
24.7		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
0.539	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
12.4		7440-66-6	Zinc and Compounds			ug/L	SW-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	1.1E-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?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-4 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
7664-41-7	Ammonia	31	31						
7440-39-3	Barium	27.1	27.1				5.3E-04	4.1E-04	9.4E-04
7440-50-8	Copper	1.6	1.6				1.6E-04	8.4E-06	1.7E-04
7439-96-5	Manganese (Non-diet)	24.7	24.7				4.1E-03	5.4E-03	9.4E-03
7440-02-0	Nickel Soluble Salts	0.539	0.539				1.1E-04	2.8E-05	1.3E-04
7440-66-6	Zinc and Compounds	12.4	12.4				1.6E-04	5.2E-06	1.7E-04
					Cumulative:	0.0E+00			1.1E-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- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-5 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-5 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

Exposure Point Concentration (ug/L)	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	J	7664-41-7	Ammonia			ug/L	SW-5									
39.6		7440-39-3	Barium			ug/L	SW-5									
2.73		7440-50-8	Copper			ug/L	SW-5									
1.31		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-5									
65.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
1.06	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
0.633	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-5									
18.9		7440-66-6	Zinc and Compounds			ug/L	SW-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	0.0E+00	3.2E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-5 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
7664-41-7	Ammonia	31	31						
7440-39-3	Barium	39.6	39.6				7.8E-04	5.9E-04	1.4E-03
7440-50-8	Copper	2.73	2.73				2.7E-04	1.4E-05	2.8E-04
156-59-2	Dichloroethylene, cis-1,2-	1.31	1.31				2.6E-03	2.0E-03	4.6E-03
7439-96-5	Manganese (Non-diet)	65.2	65.2				1.1E-02	1.4E-02	2.5E-02
7440-02-0	Nickel Soluble Salts	1.06	1.06				2.1E-04	5.5E-05	2.6E-04
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	0.633	0.633				8.3E-08	1.6E-07	2.5E-07
7440-66-6	Zinc and Compounds	18.9	18.9				2.5E-04	7.9E-06	2.6E-04
					Cumulative:	0.0E+00			3.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-6 Risk Assessment
Submittal Date:	2/18/2026
Prepared By:	Macy Courtney
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-6 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

DUP-SW was collected here. The highest concentration between the two was input into the calculator.

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 (ug/L)	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
41	J	7664-41-7	Ammonia			ug/L	DUP-SW									
56.8		7440-39-3	Barium			ug/L	DUP-SW									
0.412	J	7440-48-4	Cobalt			ug/L	DUP-SW									
2.64		7440-50-8	Copper			ug/L	DUP-SW									
0.368	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-6									
2.77		156-59-2	Dichloroethylene, cis-1,2-			ug/L	DUP-SW									
0.363		123-91-1	Dioxane, 1,4-			ug/L	DUP-SW									
2.12		7439-92-1	~Lead and Compounds			ug/L	DUP-SW									
185		7439-96-5	Manganese (Non-diet)			ug/L	DUP-SW									
1.5	J	7440-02-0	Nickel Soluble Salts			ug/L	DUP-SW									
1.99	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	DUP-SW									
0.412	J	75-01-4	Vinyl Chloride			ug/L	DUP-SW									
31.5		7440-66-6	Zinc and Compounds			ug/L	DUP-SW									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-6 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	7.7E-06	9.0E-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?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	41	41						
7440-39-3	Barium	56.8	56.8				1.1E-03	8.5E-04	2.0E-03
7440-48-4	Cobalt	0.412	0.412				5.4E-03	1.1E-04	5.5E-03
7440-50-8	Copper	2.64	2.64				2.6E-04	1.4E-05	2.7E-04
75-34-3	Dichloroethane, 1,1-	0.368	0.368	1.1E-09	1.0E-09	2.1E-09	7.3E-06	3.5E-06	1.1E-05
156-59-2	Dichloroethylene, cis-1,2-	2.77	2.77				5.5E-03	4.3E-03	9.7E-03
123-91-1	Dioxane, 1,4-	0.363	0.363	1.9E-08	8.4E-10	2.0E-08	4.8E-05	1.1E-06	4.9E-05
7439-92-1	~Lead and Compounds	2.12	2.12						
7439-96-5	Manganese (Non-diet)	185	185				3.0E-02	4.0E-02	7.1E-02
7440-02-0	Nickel Soluble Salts	1.5	1.5				3.0E-04	7.8E-05	3.7E-04
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	1.99	1.99				2.6E-07	5.2E-07	7.8E-07
75-01-4	Vinyl Chloride	0.412	0.412	**4.9E-06**	**2.7E-06**	**7.6E-06**	5.4E-04	2.9E-04	8.3E-04
7440-66-6	Zinc and Compounds	31.5	31.5				4.1E-04	1.3E-05	4.3E-04
					Cumulative:	7.7E-06			9.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-7 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-7 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	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
49	J	7664-41-7	Ammonia			ug/L	SW-7									
54.6		7440-39-3	Barium			ug/L	SW-7									
1.65	J	7440-50-8	Copper			ug/L	SW-7									
0.462	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-7									
3.44		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-7									
89.6		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
1.3	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
2.59	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-7									
0.272	J	79-01-6	Trichloroethylene			ug/L	SW-7									
0.707	J	75-01-4	Vinyl Chloride			ug/L	SW-7									
24.3		7440-66-6	Zinc and Compounds			ug/L	SW-7									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-7 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	1.3E-05	5.5E-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?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-7 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	49	49						
7440-39-3	Barium	54.6	54.6				1.1E-03	8.2E-04	1.9E-03
7440-50-8	Copper	1.65	1.65				1.6E-04	8.6E-06	1.7E-04
75-34-3	Dichloroethane, 1,1-	0.462	0.462	1.4E-09	1.3E-09	2.7E-09	9.1E-06	4.4E-06	1.4E-05
156-59-2	Dichloroethylene, cis-1,2-	3.44	3.44				6.8E-03	5.3E-03	1.2E-02
7439-96-5	Manganese (Non-diet)	89.6	89.6				1.5E-02	2.0E-02	3.4E-02
7440-02-0	Nickel Soluble Salts	1.3	1.3				2.6E-04	6.8E-05	3.2E-04
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.59	2.59				3.4E-07	6.7E-07	1.0E-06
79-01-6	Trichloroethylene	0.272	0.272	1.1E-08	1.7E-08	2.8E-08	2.1E-03	2.1E-03	4.2E-03
75-01-4	Vinyl Chloride	0.707	0.707	**8.4E-06**	**4.7E-06**	**1.3E-05**	9.3E-04	5.0E-04	1.4E-03
7440-66-6	Zinc and Compounds	24.3	24.3				3.2E-04	1.0E-05	3.3E-04
					Cumulative:	1.3E-05			5.5E-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- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-8 Risk Assessment
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-8 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	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
44	J	7664-41-7	Ammonia			ug/L	SW-8									
53.4		7440-39-3	Barium			ug/L	SW-8									
2.04		7440-50-8	Copper			ug/L	SW-8									
0.309	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-8									
3.63		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-8									
0.318		123-91-1	Dioxane, 1,4-			ug/L	SW-8									
83.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
1.5	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-8									
2.49	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-8									
0.264	J	79-01-6	Trichloroethylene			ug/L	SW-8									
0.788	J	75-01-4	Vinyl Chloride			ug/L	SW-8									
26.4		7440-66-6	Zinc and Compounds			ug/L	SW-8									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-8 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	1.5E-05	5.3E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-8 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	44	44						
7440-39-3	Barium	53.4	53.4				1.1E-03	8.0E-04	1.9E-03
7440-50-8	Copper	2.04	2.04				2.0E-04	1.1E-05	2.1E-04
75-34-3	Dichloroethane, 1,1-	0.309	0.309	9.4E-10	8.5E-10	1.8E-09	6.1E-06	3.0E-06	9.1E-06
156-59-2	Dichloroethylene, cis-1,2-	3.63	3.63				7.2E-03	5.6E-03	1.3E-02
123-91-1	Dioxane, 1,4-	0.318	0.318	1.7E-08	7.4E-10	1.8E-08	4.2E-05	9.8E-07	4.3E-05
7439-96-5	Manganese (Non-diet)	83.5	83.5				1.4E-02	1.8E-02	3.2E-02
7440-02-0	Nickel Soluble Salts	1.5	1.5				3.0E-04	7.8E-05	3.7E-04
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.49	2.49				3.3E-07	6.4E-07	9.7E-07
79-01-6	Trichloroethylene	0.264	0.264	1.1E-08	1.7E-08	2.7E-08	2.1E-03	2.0E-03	4.1E-03
75-01-4	Vinyl Chloride	0.788	0.788	**9.4E-06**	**5.2E-06**	**1.5E-05**	1.0E-03	5.6E-04	1.6E-03
7440-66-6	Zinc and Compounds	26.4	26.4				3.5E-04	1.1E-05	3.6E-04
					Cumulative:	1.5E-05			5.3E-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- East End Park
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-9
Submittal Date:	2/9/2026
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-9

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

Exposure Point Concentration (ug/L)	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
64	J	7664-41-7	Ammonia			ug/L	SW-9									
53.4		7440-39-3	Barium			ug/L	SW-9									
2.03		7440-50-8	Copper			ug/L	SW-9									
3.98		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-9									
0.385		123-91-1	Dioxane, 1,4-			ug/L	SW-9									
1.13		7439-92-1	~Lead and Compounds			ug/L	SW-9									
70.8		7439-96-5	Manganese (Non-diet)			ug/L	SW-9									
1.4	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-9									
2.59	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-9									
0.213	J	79-01-6	Trichloroethylene			ug/L	SW-9									
1.15		75-01-4	Vinyl Chloride			ug/L	SW-9									
30.6		7440-66-6	Zinc and Compounds			ug/L	SW-9									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-9

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*	2.1E-05	5.0E-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?	NM
	Source Groundwater	Exceedence of 2B at Receptor?	NM

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SW-9

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
7664-41-7	Ammonia	64	64						
7440-39-3	Barium	53.4	53.4				1.1E-03	8.0E-04	1.9E-03
7440-50-8	Copper	2.03	2.03				2.0E-04	1.1E-05	2.1E-04
156-59-2	Dichloroethylene, cis-1,2-	3.98	3.98				7.9E-03	6.1E-03	1.4E-02
123-91-1	Dioxane, 1,4-	0.385	0.385	2.0E-08	8.9E-10	2.1E-08	5.1E-05	1.2E-06	5.2E-05
7439-92-1	~Lead and Compounds	1.13	1.13						
7439-96-5	Manganese (Non-diet)	70.8	70.8				1.2E-02	1.5E-02	2.7E-02
7440-02-0	Nickel Soluble Salts	1.4	1.4				2.8E-04	7.3E-05	3.5E-04
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.59	2.59				3.4E-07	6.7E-07	1.0E-06
79-01-6	Trichloroethylene	0.213	0.213	8.5E-09	1.3E-08	2.2E-08	1.7E-03	1.6E-03	3.3E-03
75-01-4	Vinyl Chloride	1.15	1.15	**1.4E-05**	**7.6E-06**	**2.1E-05**	1.5E-03	8.2E-04	2.3E-03
7440-66-6	Zinc and Compounds	30.6	30.6				4.0E-04	1.3E-05	4.2E-04
					Cumulative:	2.1E-05			5.0E-02