Remedial Investigation Report
City of Durham Parks – East End Park, NONCD0000823
1200 N. Alston Avenue, Durham, North Carolina
Task Order RI-12A
S&ME Project No. 23050630

PREPARED FOR:

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

PREPARED BY:

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

July 13, 2026

July 13, 2026

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

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

Reference: **Remedial Investigation-Soil Gas, Groundwater & Surface Water/Sediment Report**
East End Park – 1200 N. Alston Avenue
Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000823
NCDEQ Task Orders 823RI-12A
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-12A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

Sincerely,

S&ME, Inc.

Brandon Governo, PG
Staff Geologist
brandongoverno@smeinc.com

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

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

Attachment: Remedial Investigation Report

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1.0 Summary of Current Investigation

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposal No. 23050630BK, dated September 30, 2025, for Task Orders 823RI-12A 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 January 23, 2026, 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 January 22, 2026, S&ME personnel used batch-certified sampling canisters to collect samples (including duplicate samples) from ten landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, Methane by ASTM Method D1946, 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 samples were diluted, resulting in higher laboratory detection limits. Sample dilutions result in higher detection limits. Therefore, compounds may be present at concentrations below the elevated detection limit and could be considered unacceptable risk based on the NCDEQ Risk Calculator. For this assessment, only compounds detected above the laboratory detection limits were entered into the NCDEQ Risk Calculator.

The laboratory reported detections of multiple VOCs and other analytes in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of the soil gas to the indoor air pathway. 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. **Appendix IV** includes a historical summary table of the landfill gas laboratory results.

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 are included in **Appendix I**.

On January 22, 2026, the depth to groundwater was measured in each well with an electronic water level meter. A licensed surveyor located and measured horizontal coordinates and vertical elevations for the monitor wells under Task Order 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. **Appendix IV** includes a historical summary table of the groundwater laboratory 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 February 3, 2026, S&ME collected surface water and stream sediment samples for laboratory analysis from nine locations. Surface water sample locations are identified as SW-1 through SW-9 with laboratory 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**. **Appendix IV** includes a historical summary table of the surface water laboratory results.

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. **Appendix IV** includes a historical summary table of the surface water laboratory results.

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**. **Appendix IV** includes a historical summary table of the sediment laboratory results.

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 V contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, called 823-LFGP-DUP, was collected on January 22, 2026, from LFGP-4. Analytical results of the duplicate sample was within an acceptable relative difference with the record sample.

Groundwater Duplicates

- One groundwater duplicate sample, called 823-MW-Dup, was collected on January 22, 2026, from MW-1. Analytical results of the duplicate sample was within an acceptable relative difference with the record sample.

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-SED-DUP. 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 Order 821RI-12A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

9.0 Certification Acknowledgement

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

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

Signature of Environmental Consultant

July 13, 2026
Date

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

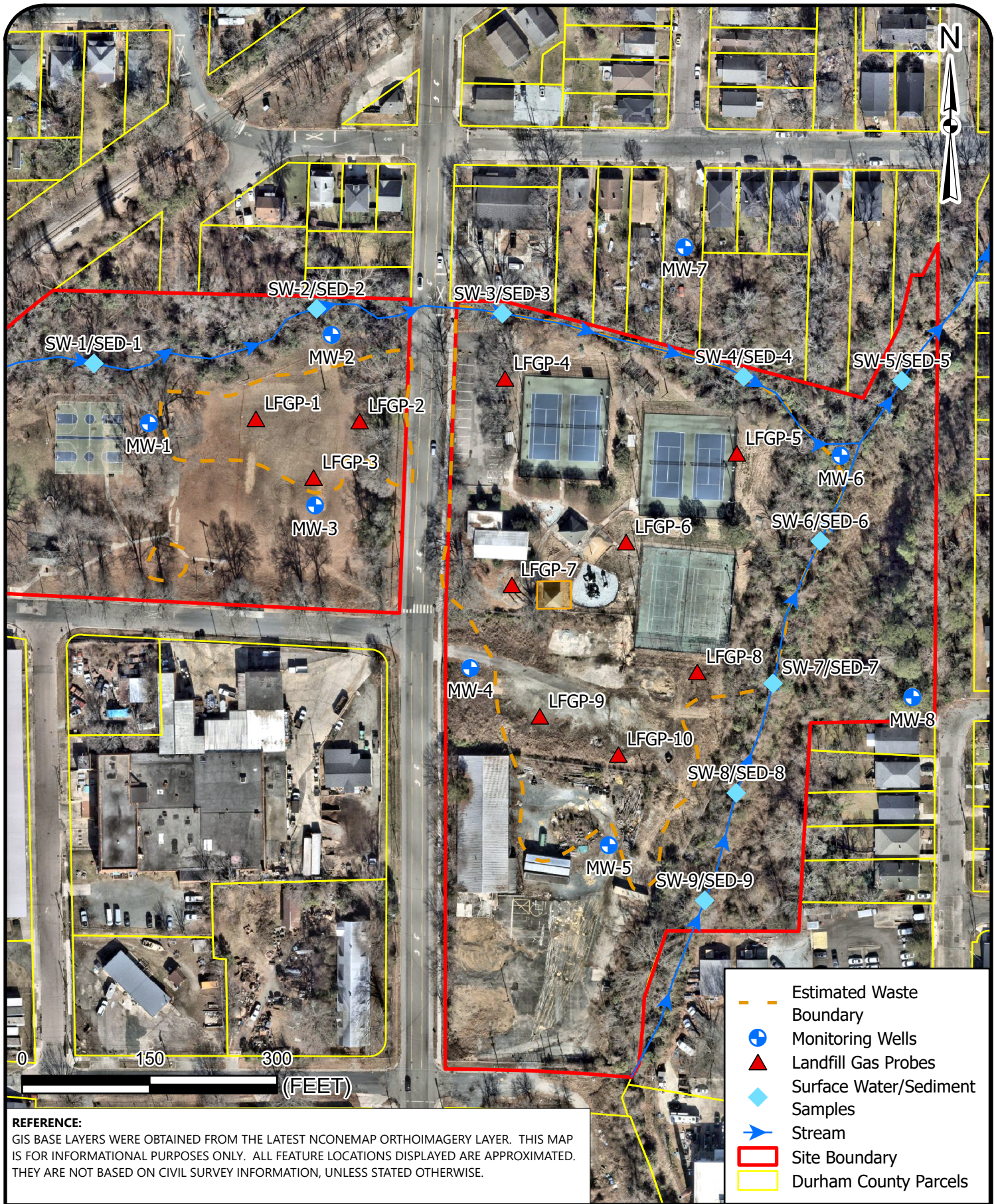
WITNESS my hand and official seal this 13 day of July, 2026.

Wilma Craft
Notary Public (signature)

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

My commission expires: March 12 2028

Figures



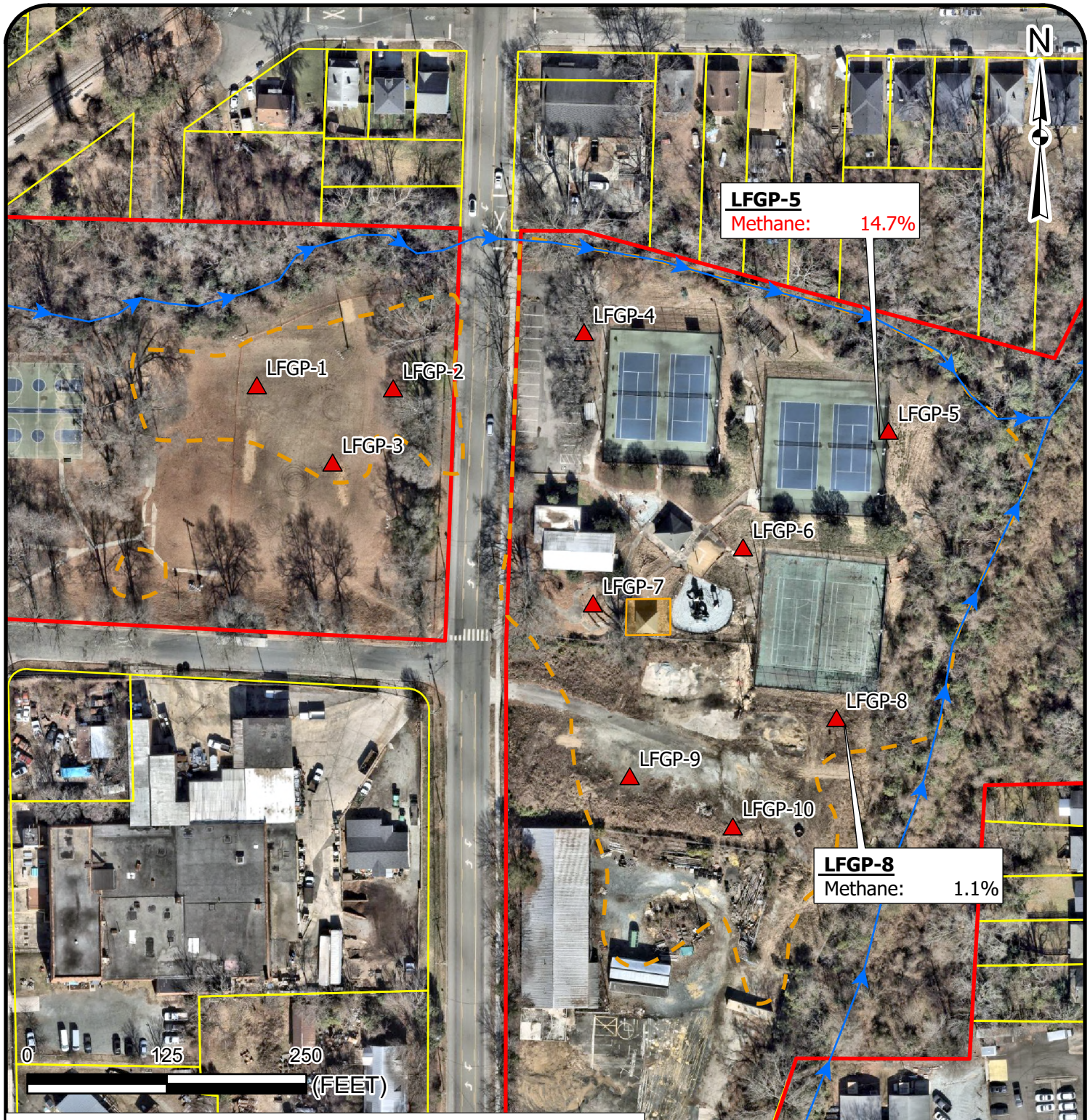
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\EEP RI-12_b46ee6\p30\823RI-8 Maps.aprx Plotted by: BrandonGoverno

SITE MAP

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 150 ft	1
DATE: 3/25/2026	
PROJECT NUMBER 23050630	



NOTES:
LANDFILL GAS SCREENING WAS CONDUCTED ON JANUARY 23, 2026. ONLY DETECTIONS ABOVE THE BACKGROUND 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.

- Landfill Gas Probes
- Stream
- Former Incinerator
- City of Durham Property
- Durham County Parcels

ONSITE LANDFILL GAS SCREEENING RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 125 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 2

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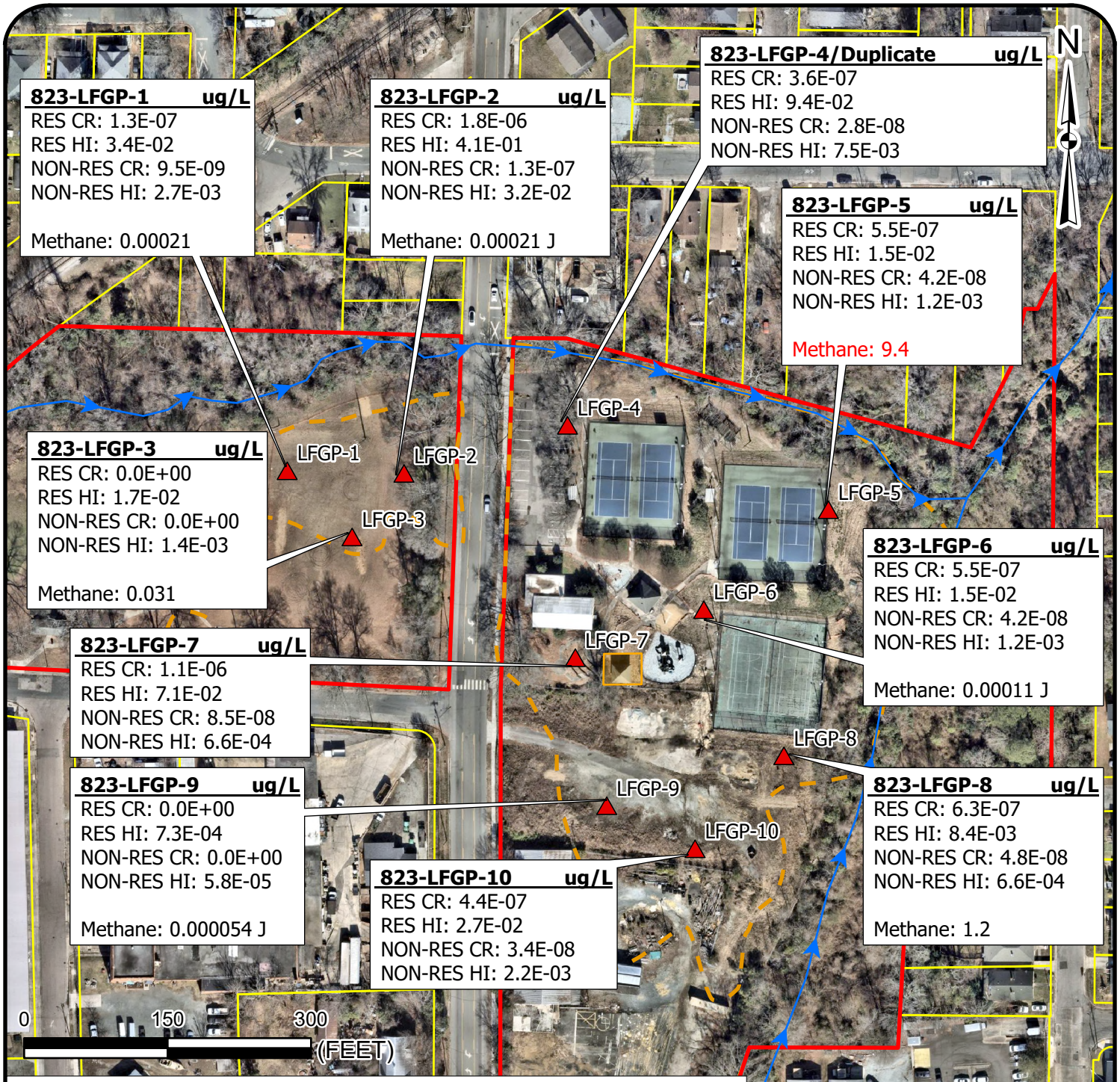

NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON JANUARY 22, 2026.
SAMPLING LOCATIONS THAT EXCEED THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE (5%) ARE SHOWN IN RED.
RES CR: RESIDENTIAL CARCINOGENIC RISK
RES HI: RESIDENTIAL HAZARD INDEX
NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK
NON-RES HI: NON-RESIDENTIAL HAZARD INDEX
RESULTS IN RED EXCEED RISK.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
DUPLICATE TAKEN AT LFGP-4. THE HIGHER CONCENTRATIONS ARE SHOWN.

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
- Former Incinerator
- Site Boundary
- Durham County Parcels

LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 3

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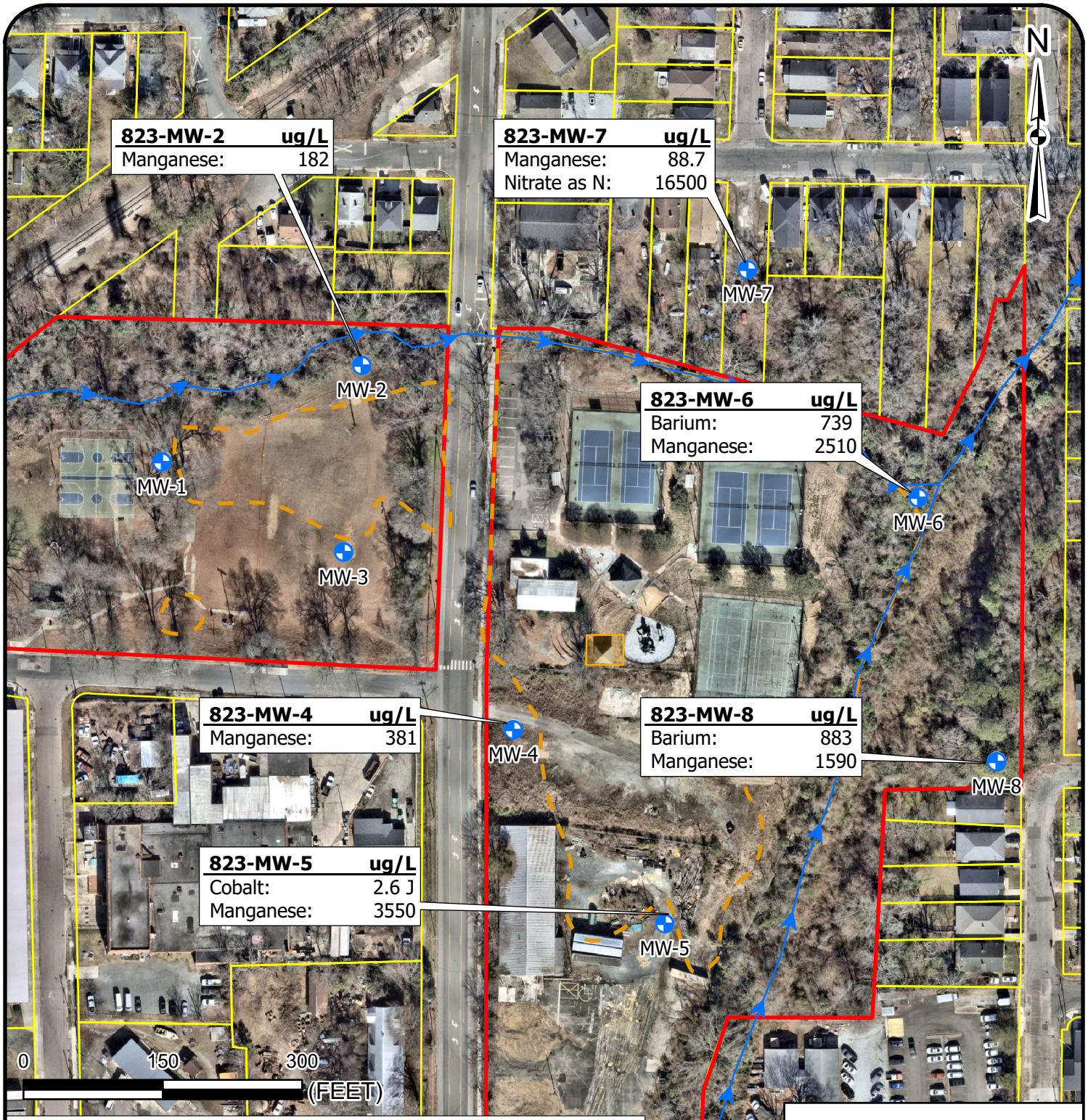


NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON JANUARY 22, 2026. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS ARE SHOWN IN MICROGRAMS PER LITER (ug/L)
DUPLICATE SAMPLE TAKEN AT MW-1. THE HIGHER CONCENTRATIONS ARE SHOWN.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.

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

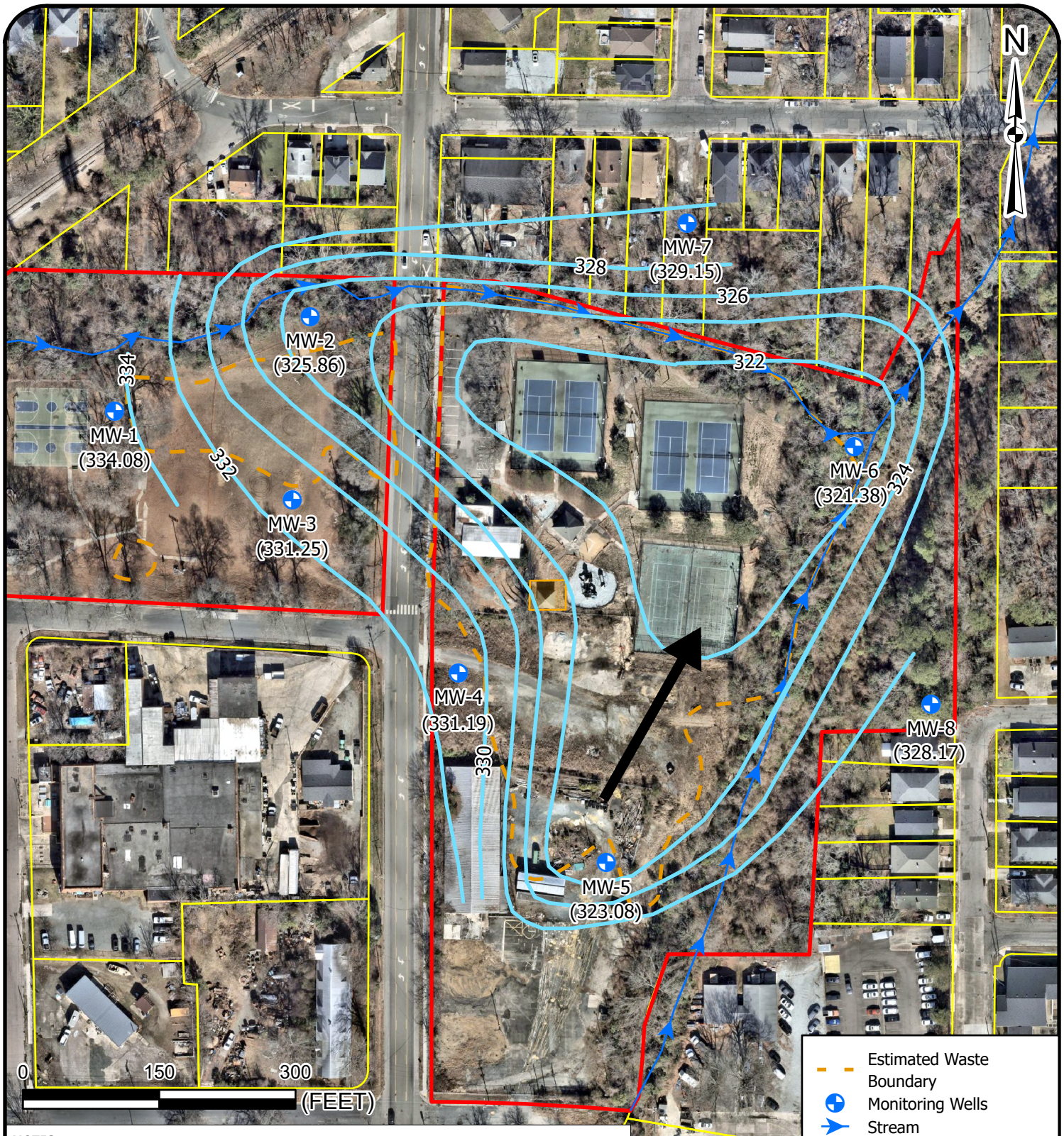
- Estimated Waste Boundary
- Monitoring Wells
- Stream
- Former Incinerator
- Site Boundary
- Durham County Parcels

GROUNDWATER ANALYTICAL RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 4

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\EEP RI-12_b46ee6\p30\823RI-8 Maps.aprx Plotted by: BrandonGoverno



NOTES:
GROUNDWATER POTENTIOMETRIC MEASUREMENTS WERE TAKEN JANUARY 22, 2026.
GROUNDWATER ELEVATION IS MEASURED IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL).
APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROW.

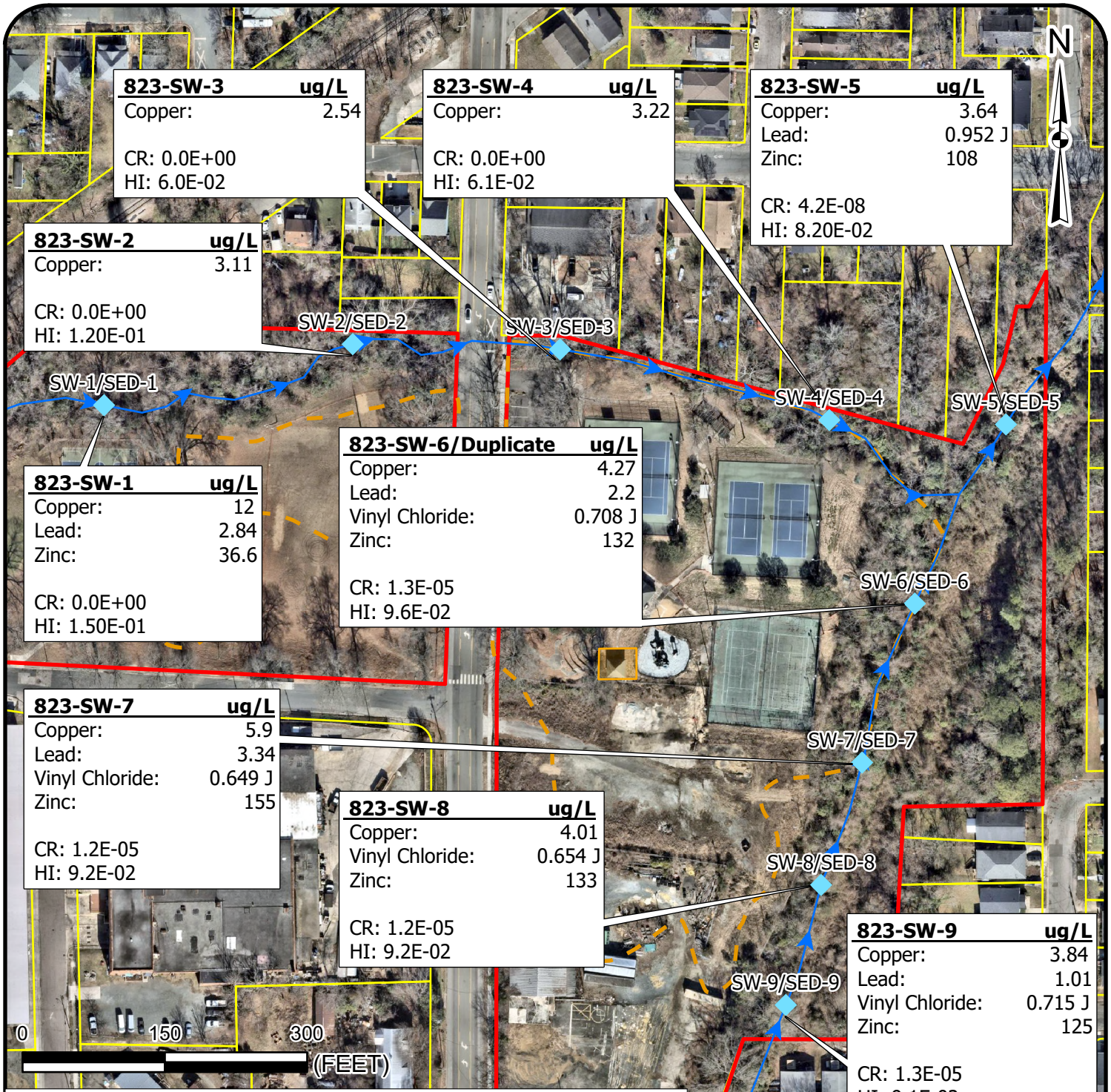
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER POTENTIOMETRIC MAP

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 5

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\EEP RI-12_b46ee6\p30\823RI-8 Maps.aprx Plotted by: BrandonGoverno



NOTES:
SURFACE WATER SAMPLING WAS CONDUCTED ON FEBRUARY 3, 2026. ONLY CONCENTRATIONS THAT EXCEED THE NCAC 2B STANDARDS ARE SHOWN. SAMPLES ARE MEASURED IN MICROGRAMS PER LITER (µg/L). DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER RECEPTOR. VALUES IN RED EXCEED RISK.
DUPLICATE SAMPLE TAKEN AT SW-6 LOCATION. THE HIGHER CONCENTRATIONS ARE SHOWN.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK.
HI: HAZARD INDEX.

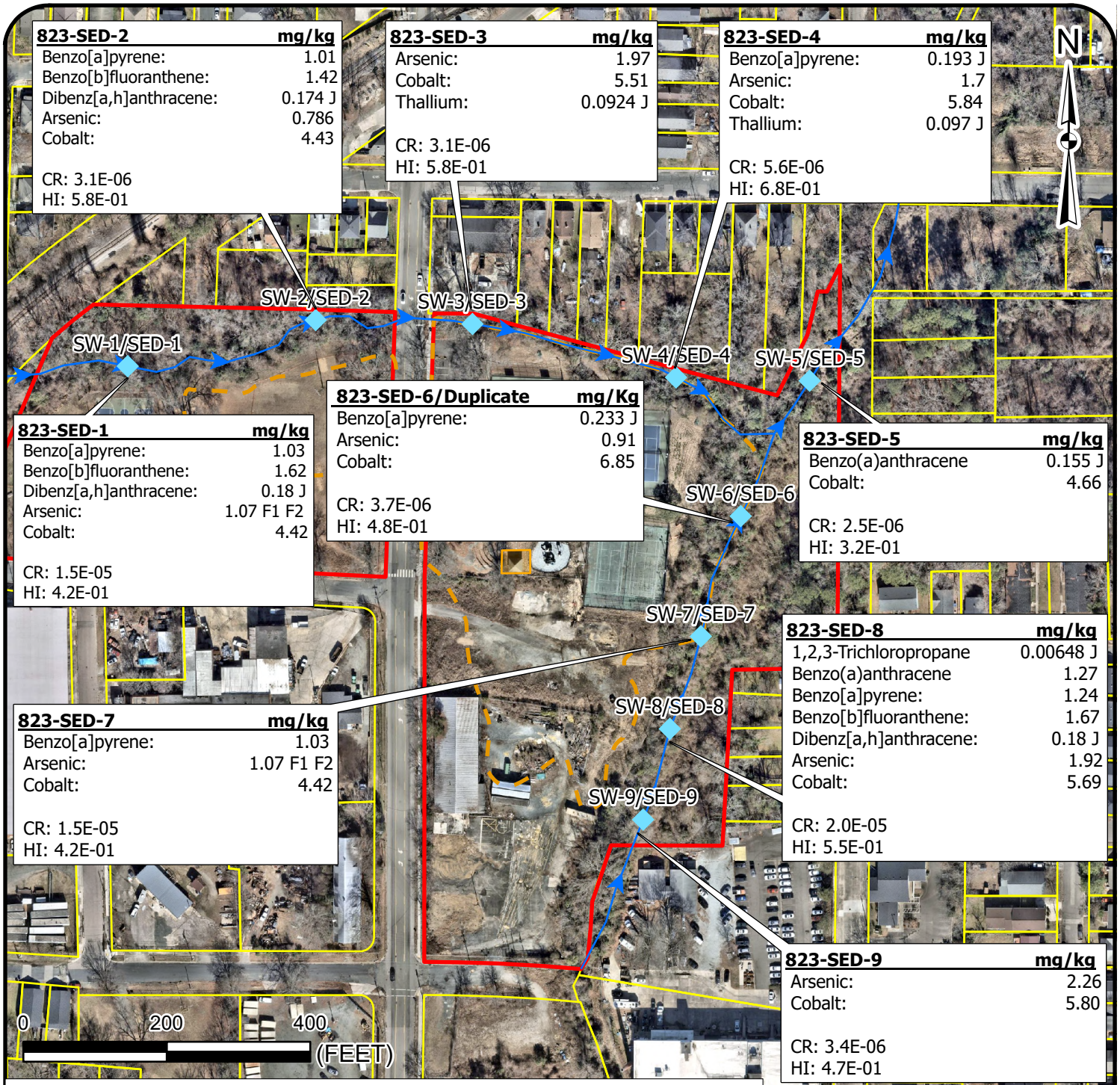
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NC ONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

SURFACE WATER ANALYTICAL RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 6

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\EEP RI-12_b46ee6\p30\823RI-8 Maps.aprx Plotted by: BrandonGoverno



823-SED-2	mg/kg
Benzo[a]pyrene:	1.01
Benzo[b]fluoranthene:	1.42
Dibenz[a,h]anthracene:	0.174 J
Arsenic:	0.786
Cobalt:	4.43

CR: 3.1E-06
HI: 5.8E-01

823-SED-3	mg/kg
Arsenic:	1.97
Cobalt:	5.51
Thallium:	0.0924 J

CR: 3.1E-06
HI: 5.8E-01

823-SED-4	mg/kg
Benzo[a]pyrene:	0.193 J
Arsenic:	1.7
Cobalt:	5.84
Thallium:	0.097 J

CR: 5.6E-06
HI: 6.8E-01

823-SED-1	mg/kg
Benzo[a]pyrene:	1.03
Benzo[b]fluoranthene:	1.62
Dibenz[a,h]anthracene:	0.18 J
Arsenic:	1.07 F1 F2
Cobalt:	4.42

CR: 1.5E-05
HI: 4.2E-01

823-SED-6/Duplicate	mg/Kg
Benzo[a]pyrene:	0.233 J
Arsenic:	0.91
Cobalt:	6.85

CR: 3.7E-06
HI: 4.8E-01

823-SED-5	mg/kg
Benzo(a)anthracene	0.155 J
Cobalt:	4.66

CR: 2.5E-06
HI: 3.2E-01

823-SED-8	mg/kg
1,2,3-Trichloropropane	0.00648 J
Benzo(a)anthracene	1.27
Benzo[a]pyrene:	1.24
Benzo[b]fluoranthene:	1.67
Dibenz[a,h]anthracene:	0.18 J
Arsenic:	1.92
Cobalt:	5.69

CR: 2.0E-05
HI: 5.5E-01

823-SED-7	mg/kg
Benzo[a]pyrene:	1.03
Arsenic:	1.07 F1 F2
Cobalt:	4.42

CR: 1.5E-05
HI: 4.2E-01

823-SED-9	mg/kg
Arsenic:	2.26
Cobalt:	5.80

CR: 3.4E-06
HI: 4.7E-01

NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON FEBRUARY 3, 2026. ONLY CONCENTRATIONS THAT EXCEED THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSLs) FOR SOIL ARE SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RESIDENTIAL RECEPTOR. VALUES IN RED EXCEED RISK. SEDIMENT SAMPLES ARE MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg). DUPLICATE SAMPLE TAKEN AT SED-5. THE HIGHER CONCENTRATIONS ARE SHOWN.
F1: MS AND/OR MSD EXCEEDS CONTROL LIMITS.
F2: MS/MSD RPD EXCEEDS CONTROL LIMITS.
B: COMPOUND WAS FOUND IN BLANK AND SAMPLE.
J: ESTIMATED VALUE LESS THAN REPORTING LIMIT BUT GREATER THAN METHOD DETECTION LIMIT.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX

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

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

SEDIMENT SAMPLES ANALYTICAL RESULTS

EAST END PARK
NCDEQ ID NO. NONCD0000823, TASK ORDER 823 RI-12A
1200 N. ALSTON AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 200 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 7

Drawing Path: <LINK>C:\Users\BrandonGoverno\OneDrive</LINK> - S&ME, Inc\Documents\ArcGIS\Packages\EEP RI-12_b46ee6\p30\823RI-8 Maps.aprx Plotted by: BrandonGoverno

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-12A

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-12A

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	1/23/2026	0.0	0.0	0.0	0.0
BG-2	1/23/2026	0.0	0.0	0.0	0.0
BG-3	1/23/2026	0.0	0.0	0.0	0.0
BG-4	1/23/2026	0.0	0.0	0.0	0.0
LFGP-1	1/23/2026	0.0	0.0	0.0	0.0
LFGP-2	1/23/2026	0.0	0.0	0.0	0.0
LFGP-3	1/23/2026	0.0	0.0	0.0	0.0
LFGP-4	1/23/2026	0.0	0.0	0.0	0.0
LFGP-5	1/23/2026	0.0	**14.7**	**>>>**	0.0
LFGP-6	1/23/2026	0.0	0.0	0.0	0.0
LFGP-7	1/23/2026	0.0	0.0	0.0	0.0
LFGP-8	1/23/2026	0.0	**1.1**	**22.0**	0.0
LFGP-9	1/23/2026	0.0	0.0	0.0	0.0
LFGP-10	1/23/2026	0.0	0.0	0.0	0.0

Notes:

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

PPM-V: Parts Per Million by Volume in Air

Bold indicates a concentration greater than background concentrations.

Highlighted indicates a concentration exceeding the lower explosive limit for methane

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

See **Figure 2** for landfill screening locations

TABLE 3
Landfill Gas Sample Analytical Results Summary
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-12A

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-LFGP-DUP
				Date Collected	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1		<7.1	<6.9	<11	<7.1	<6.3	**57**	<6.6	**7.5**	**36**	**26**	<6.3
		1,2,4-Trimethylbenzene	95-63-6		<4.6	<4.4	<7.2	<4.6	**2.9 J**	<3.9	<4.2	<3.8	<4	<3.8	<4.1
		1,3,5-Trimethylbenzene	108-67-8		<4.6	<4.4	<7.2	<4.6	**3.2 J**	<3.9	<4.2	<3.8	<4	<3.8	<4.1
		2-Butanone (MEK)	78-93-3		**12**	**14**	**12 J**	**6.6 J**	**7.1 J**	**7.8 J**	**8.3 J**	**7.9 J**	**7.3 J**	**7.9 J**	**7.1 J**
		Acetone	67-64-1		**34**	**47**	**29 J**	**15 J**	**14 J**	**16 J**	**17 J**	**17 J**	**15 J**	**16 J**	**18 J**
		Benzene	71-43-2		<3	**2.3 J**	<4.6	<3	**5.4**	<2.5	<2.7	**7.5**	<2.6	<2.5	<2.6
		Chloroethane	75-00-3		<9.8	<9.5	<15	<9.8	**3.7 J**	<8.3	<9.1	<8.3	<8.7	<8.1	<8.7
		Chloroform	67-66-3		<4.6	<4.4	<7.1	<4.6	<4	<3.8	**4.5**	<3.8	<4	**1.8 J**	<4
		Cyclohexane	110-82-7		<3.2	**2.9 J**	<5	<3.2	**99**	<2.7	<3	**3**	<2.8	<2.6	<2.8
		Dichlorodifluoromethane (Freon 12)	75-71-8		**1.8 J**	**3.7 J**	<7.2	**1.9 J**	<4.1	**1.5 J**	**1.6 J**	<3.9	**1.5 J**	**1.5 J**	**1.9 J**
		Ethanol	64-17-5		**15 J**	**30**	<27	<18	<15	<15	<16	<15	<15	<14	**6.8 J**
		Ethylbenzene	100-41-4		<4	<3.9	<6.3	<4	**3.9**	<3.4	<3.7	<3.4	<3.6	<3.3	<3.6
		Heptane	142-82-5		<3.8	**2.7 J**	**66**	<3.8	**19**	<3.2	<3.5	**1.9 J**	<3.4	<3.1	<3.4
		Hexane	110-54-3		<3.3	**8.4**	**300**	<3.3	**63**	<2.8	<3	**5.2**	<2.9	<2.7	<2.9
		Isopropylbenzene	98-82-8		<4.6	<4.4	<7.2	<4.6	**4**	<3.9	<4.2	<3.8	<4	<3.8	<4.1
		Methylene chloride	75-09-2		<6.5	**13**	<10	<6.5	<5.7	<5.5	<6	<5.4	<5.7	<5.3	<5.7
		m-Xylene & p-Xylene	179601-23-1		<8.1	<7.8	<13	<8.1	**6.9 J**	<6.8	<7.5	<6.8	<7.1	<6.7	<7.2
		o-Xylene	95-47-6		<4	<3.9	<6.3	<4	**6.3**	<3.4	<3.7	<3.4	<3.6	<3.3	<3.6
		2-Propanol	67-63-0		**5.4 J**	**4.4 J**	<14	<9.2	<8.1	<7.7	<8.4	**4.5 J**	<8.1	<7.6	<8.1
		Styrene	100-42-5		<4	<3.8	<6.2	<4	<3.5	<3.4	<3.7	<3.3	<3.5	<3.3	<3.5
		Tetrachloroethylene (PCE)	127-18-4		**45**	**510**	<9.9	**130**	<5.6	<5.3	**5 J**	<5.3	<5.6	<5.2	**130**
		Tetrahydrofuran	109-99-9		<2.8	**1.4 J**	<4.3	<2.8	<2.4	<2.3	<2.5	<2.3	<2.4	<2.3	<2.4
		Toluene	108-88-3		**9.6**	**15**	**17**	**10**	**12**	**8.5**	**8.5**	**12**	**8.4**	**11**	**9.2**
		2,2,4-Trimethylpentane	540-84-1		<4.4	**4.1 J**	<6.8	<4.4	**33**	<3.7	<4	**91**	<3.8	<3.6	<3.9
		Trichloroethylene	79-01-6		<5	**2.3 J**	<7.8	<5	<4.4	<4.2	<4.6	<4.2	<4.4	<4.1	<4.4
		Trichlorofluoromethane	75-69-4		<5.2	**1.8 J**	<8.2	<5.2	<4.6	<4.4	<4.8	<4.4	<4.6	<4.3	<4.6
		Vinyl chloride	75-01-4		<2.4	<2.3	<3.7	<2.4	<2.1	<2	<2.2	<2	<2.1	<2	<2.1
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		**0.00021**	**0.00021 J**	**0.031**	<0.00019	**9.4**	**0.00011 J**	<0.00017	**1.2**	**0.000054 J**	<0.00015	<0.00017
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			1.3E-07	1.8E-06	0.0E+00	3.6E-07	5.5E-07	0.0E+00	1.1E-06	6.3E-07	0.0E+00	4.4E-07	See 823-LFGP-4 Risk Assessment.
		Non-Carcinogenic Hazard Quotiennt			3.4E-02	4.1E-01	1.7E-02	9.4E-02	1.5E-02	8.5E-04	7.1E-02	8.4E-03	7.3E-04	2.7E-02	
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			9.5E-09	1.3E-07	0.0E+00	2.8E-08	4.2E-08	0.0E+00	8.5E-08	4.8E-08	0.0E+00	3.4E-08	
		Non-Carcinogenic Hazard Quotient			2.7E-03	3.2E-02	1.4E-03	7.5E-03	1.2E-03	6.8E-05	5.6E-03	6.6E-04	5.8E-05	2.2E-03	

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 1/22/2026.
J: Estimated value less than the reporting limit but greater than the method detection limit.

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-12A

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-bgs)	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	1/22/2026	5.11	334.08
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	1/22/2026	11.26	325.86
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	1/22/2026	10.35	331.25
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	1/22/2026	15.18	331.19
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	1/22/2026	6.60	323.08
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	1/22/2026	10.03	321.38
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	1/22/2026	4.65	329.15
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	1/22/2026	14.23	328.17

Notes:
ft-bgs: feet below ground surface.
ft-amsl: feet above mean sea level.
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-12A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1	1/22/2026	7.64	14.7	585.0	2.4
MW-2	1/22/2026	7.10	16.5	527.0	1.8
MW-3	1/22/2026	9.10	16.0	392.0	8.6
MW-4	1/22/2026	7.48	17.8	242.0	1.5
MW-5	1/22/2026	6.50	14.9	468.0	75.1
MW-6	1/22/2026	7.10	16.0	1590.0	4.1
MW-7	1/22/2026	7.30	14.8	558.0	25.0
MW-8	1/22/2026	7.60	16.8	655.0	0.5

Notes:

Temperature: degrees Celsius (°C)

Conductivity: microsiemens per centimeter (µS/cm)

NTU: 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-12A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)			Method 8270E - Semi Volatile Organic Compounds (SVOCs)			Method 6020B - Metals										Method 350.1	Method 353.2	Method 9056A	
CAS Number		67-66-3	1634-04-4	127-18-4	83-32-9	86-73-7	108-95-2	7440-38-2	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	7664-41-7	14797-65-0	14797-55-8	14808-79-8
Analyte		Chloroform	Methyl tert-butyl ether	Tetrachloroethene	Acenaphthene	Fluorene	Phenol	Arsenic	Barium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Ammonia Nitrogen	Nitrite as N	Nitrate as N	Sulfate
Sample ID	Date Collected																				
823-MW-1	1/22/2026	<0.216	<0.175	<0.193	<0.641	<0.681	<0.692	**1.64 J**	**144**	<3.69	<0.411	<0.642	<0.864	**3.96 J**	<0.422	<1.22	<8.91	<20	<16.8	**68 J**	**1980**
823-MW-2	1/22/2026	<0.216	<0.175	<0.193	<0.639	<0.679	<0.689	<1.32	**572**	<3.69	<0.411	<0.642	<0.864	**182**	<0.422	**1.48 J**	<8.91	<20	<16.8	**50 J**	**10400**
823-MW-3	1/22/2026	<0.216	<0.175	<0.193	<0.63	<0.67	<0.68	<1.32	**94.9**	**7.62**	<0.411	**2.45**	<0.864	**11**	<0.422	**2.46 J**	<8.91	<20 F1	**797**	<10	**11600**
823-MW-4	1/22/2026	<0.216	<0.175	<0.193	<0.624	<0.663	<0.673	<1.32	**516**	<3.69	<0.411	**3.41**	<0.864	**381**	**4.06 J**	**2.28 J**	**33**	<20 F1	<16.8	**1060**	**7940**
823-MW-5	1/22/2026	<0.216	<0.175	<0.193	**2.62 J**	**1.38 J**	<0.68	**3.23 J**	**417**	<3.69	**2.6 J**	<0.642	<0.864	**3550**	**0.782 J**	<1.22	**13.4**	**424**	<16.8	**59 J**	**2310**
823-MW-6	1/22/2026	<0.216	<0.175	<0.193	<0.641	<0.681	<0.692	**5.55**	**739**	<3.69	**0.987 J**	<0.642	**0.881 J**	**2510**	**0.668 J**	**1.22 J**	<8.91	**409**	<16.8	**53 J**	<767
823-MW-7	1/22/2026	**0.294 J**	<0.175	**0.604 J**	<0.632	<0.672	<0.682	<1.32	**425**	<3.69	**0.536 J**	**0.83 J**	<0.864	**88.7**	**1.64 J**	**2.68 J**	<8.91	<20	**459**	**16500**	**2730**
823-MW-8	1/22/2026	<0.216	**11.7**	<0.193	<0.645	<0.686	**5.27 J I**	**2.17 J**	**883**	<3.69	<0.411	<0.642	<0.864	**1590**	<0.422	<1.22	<8.91	<20	<16.8	<10	**5910**
823-MW-Dup	1/22/2026	<0.216	<0.175	<0.193	<0.632	<0.672	<0.682	<1.32	**141**	<3.69	<0.411	<0.642	<0.864	**5.63**	<0.422	<1.22	<8.91	<20	<16.8	<10	**1620**
15A NCAC 2L Groundwater Standards & IMACs		70	20	0.7	80	300	30	10	700	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.

Duplicate sample taken at MW-1.

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-12A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)							Method 8270E - Semi Volatile Organic Compounds (SVOCs)			Method 6020B - Metals								Method 350.1	Method 353.2	Method 9056A		NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		67-64-1	75-34-3	156-59-2	108-88-3	79-01-6	76-13-1	75-01-4	105-60-2	84-74-2	123-91-1	7440-39-3	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		Acetone	1,1-Dichloroethane	cis-1,2-Dichloroethene	Toluene	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl Chloride	Caprolactam	Di-n-butyl phthalate	1,4-Dioxane	Barium	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Ammonia Nitrogen	Nitrite as N	Nitrate as N	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																								
823-SW-1	2/3/2026	<4.04	<0.214	<0.227	<0.197	<0.211	<0.27	<0.304	<2.45	<8.36	<0.306	**167**	**0.523 J**	**3.53**	**1.44**	**327**	**1.99 J**	<1.22	**36.6**	**380**	**137**	**398**	**20700**	0.0E+00	1.5E-01
823-SW-2	2/3/2026	<4.04	<0.214	<0.227	<0.197	<0.211	<0.27	<0.304	<2.46	<8.39	<0.307	**183**	<0.411	**3.11**	<0.864	**274**	**4.77 J**	<1.22	**30.2**	**369**	**43.5 J**	**420**	**21500**	0.0E+00	1.2E-01
823-SW-3	2/3/2026	<4.04	<0.214	<0.227	<0.197	<0.211	<0.27	<0.304	<2.38	<8.11	<0.297	**174**	<0.411	**2.54**	<0.864	**129**	**2.67 J**	<1.22	**25**	**360**	**43.5 J**	**434**	**39000 F1**	0.0E+00	6.0E-02
823-SW-4	2/3/2026	<4.04	<0.214	<0.227	**0.375 J**	<0.211	<0.27	<0.304	**7.11 J**	<8.24	<0.302	**160**	<0.411	**3.22**	<0.864	**136**	**2.04 J**	<1.22	**27.6**	**359**	**27.9 J**	**447**	**38800**	0.0E+00	6.1E-02
823-SW-5	2/3/2026	**6.43 J**	**0.256 J**	**3.68**	<0.197	**0.393 J**	**1.61 J**	<0.304	**7.34 J**	<8.27	<0.303	**123**	<0.411	**3.64**	**0.952 J**	**136**	**2.36 J**	<1.22	**108**	**786**	**80.2 J**	**511**	**51400**	4.2E-08	8.2E-02
823-SW-6	2/3/2026	**7.34 J**	**0.367 J**	**4.48**	**0.241 J**	**0.51 J**	**2.62 J**	**0.596 J**	<2.42	<8.27	<0.303	**118**	<0.411	**4.27**	**2.2**	**145**	**5.87**	<1.22	**132**	**800**	**88.5 J**	**517**	**53900**	1.3E-05	9.6E-02
823-SW-7	2/3/2026	**6.38 J**	**0.335 J**	**4.63**	<0.197	**0.608 J**	**2.59 J**	**0.649 J**	<2.42	<8.24	<0.302	**125**	**0.641 J**	**5.9**	**3.34**	**181**	**3.12 J**	**1.61 J**	**155**	**798**	**91.1 J**	**514**	**53400**	1.2E-05	1.2E-01
823-SW-8	2/3/2026	**7.26 J**	<0.214	**4.67**	**0.208 J**	**0.516 J**	**2.13 J**	**0.654 J**	**7.46 J**	<8.16	**0.59**	**125**	<0.411	**4.01**	<0.864	**142**	**2.46 J**	<1.22	**133**	**839**	**89.4 J**	**533**	**54500**	1.2E-05	9.2E-02
823-SW-9	2/3/2026	**7.21 J**	<0.214	**4.97**	**0.25 J**	**0.673 J**	**2.69 J**	**0.715 J**	**7.22 J**	<8.27	**0.698**	**117**	<0.411	**3.84**	**1.01**	**130**	**2.23 J**	<1.22	**125**	**843**	**93.1 J**	**543**	**53400**	1.3E-05	9.1E-02
823-SW-DUP	2/3/2026	**7.34 J**	**0.248 J**	**4.26**	<0.197	**0.478 J**	**1.98 J**	**0.708 J**	<2.42	**8.36 J**	**0.608**	**115**	<0.411	**3.74**	**0.974 J**	**135**	**2.35 J**	<1.22	**115**	**787**	**87.5 J**	**535**	**53300**	See SW-6	
15A NCAC 2B Surface Water Standards		**NE**	**NE**	**NE**	**11**	**2.5**	**NE**	**0.025**	**NE**	**NE**	**NE**	**1000**	**NE**	**2.7**	**0.54**	**NE**	**16**	**NE**	**36**	**NE**	**10000.00**	**10000**	**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.
Duplicate sample 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-12A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)			Method 8270E - Semi Volatile Organic Compounds (SVOC)														Method 6020B - Metals																		Method 7471B	Method 350.1	Method 9056A		NCDEQ Risk Calculator					
CAS Number		71-43-2	108-88-3	96-18-4	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	86-74-8	218-01-9	53-70-3	206-44-0	193-39-5	85-01-8	129-00-0	123-91-1	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-47-3	18540-29-9	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	7664-41-7	14797-55-8	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		Benzene	Toluene	1,2,3-Trichloropropane	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	1,4-Dioxane	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium (VI)	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Ammonia Nitrogen	Nitrate as N	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																																										
823-SED-1	2/3/2026	<0.00247	<0.00321	<0.00438	<0.0949	**0.219 J**	1	**1.03**	**1.62**	**0.816 J**	**0.522 J**	**0.121 J**	1.17	**0.18 J**	2.32	**0.807 J**	**0.992**	1.81	0.0112	**1.07 F1 F2**	**23 F1 F2**	**0.211 J**	**0.159 J**	**7.25 F1 F2**	<0.14	**4.42**	**15 B F1**	**30 F1 F2**	**117**	**14.5 B**	**0.397 J**	**0.0775 J**	<0.0359	**15.4 B F1 F2**	**72.2**	<0.0204	**1.78 F1**	<1.07	**30.6**	1.5E-05	4.2E-01	1.1E-06	2.9E-02	6.5E-06	1.8E-01
823-SED-2	2/3/2026	<0.0017	<0.00221	<0.00301 *3	**0.124 J**	**0.249 J**	**0.998**	**1.01**	**1.42**	**0.675 J**	**0.544 J**	**0.14 J**	**1.04**	**0.174 J**	**1.88 F1**	**0.693 J**	**1.05**	**1.53 F1**	**0.0109**	**0.786**	**30.3**	**0.193 J**	**0.209 J**	**7.01**	**0.419 J**	**4.43**	**12.9 B**	**38.2**	**135**	**12.7 B**	**0.535 J**	**0.0284 J**	<0.0368	**13.8 B**	**82.9**	<0.0205	<0.454	<1.05	**42.4**	1.5E-05	4.3E-01	1.0E-06	3.0E-02	6.3E-06	1.9E-01
823-SED-3	2/3/2026	<0.00178	<0.00231	<0.00315	<0.0413	<0.0413	<0.0413	<0.0413	**0.0323 J**	<0.0413	<0.0413	<0.0413	<0.0413	<0.0413	<0.0413	<0.0413	<0.0413	<0.0413	**0.00947**	**1.97**	**86.6**	**0.399**	**0.0783 J**	**16.9**	**0.171 J**	**5.51**	**8.97 B**	**11**	**93.9**	**10.3 B**	**0.94 J**	**0.00443 J**	**0.0924 J**	**34.7 B**	**33.1**	<0.019	<0.412	**1.61 J**	**22.3**	3.1E-06	5.8E-01	6.7E-07	3.9E-02	1.3E-06	2.5E-01
823-SED-4	2/3/2026	<0.00165	<0.00214	<0.00292	<0.0446	<0.0446	**0.175 J**	**0.193 J**	**0.284 J**	**0.161 J**	**0.0961 J**	<0.0446	**0.221 J**	<0.0446	**0.369 J**	**0.147 J**	**0.184 J**	**0.32 J**	**0.00936**	**1.7**	**120**	**0.573**	**0.194 J**	**31.9**	**0.802 J**	**5.84**	**19.8 B**	**42.5**	**150**	**23.7 B**	**0.873 J**	**0.0378 J**	**0.097 J**	**36.6 B**	**52.7**	**0.0506 J**	<0.45	<1.01	**42.2**	5.6E-06	6.8E-01	7.3E-07	4.6E-02	2.4E-06	2.9E-01
823-SED-5	2/3/2026	<0.00244	<0.00316	<0.00432	<0.0876	<0.0876	**0.134 J**	**0.155 J**	**0.25 J**	**0.138 J**	<0.0876	<0.0876	**0.179 J**	<0.0876	**0.301 J**	**0.125 J**	**0.0915 J**	**0.267 J**	**0.00982**	**0.508**	**15.2**	**0.0914 J**	**0.0798 J**	**3.96**	<0.128	**4.66**	**10.2 B**	**16.1**	**93.1**	**16.4 B**	**0.271 J**	**0.0103 J**	<0.0348	**9.14 B**	**41.5**	<0.0193	**0.556 J**	<0.962	**33.6**	2.5E-06	3.2E-01	2.7E-07	2.2E-02	1.1E-06	1.4E-01
823-SED-6	2/3/2026	<0.00173	<0.00227	<0.0031	<0.0864	<0.0864	<0.0864	<0.0864	**0.0881 J**	<0.0864	<0.0864	<0.0864	<0.0864	<0.0864	**0.108 J**	<0.0864	<0.0864	**0.101 J**	**0.00919**	**0.91**	**31**	**0.155 J**	**0.113 J**	**7.53**	<0.128	**6.85**	**10.7 B**	**14.6**	**137**	**23 B**	**0.309 J**	**0.0111 J**	<0.0415	**15.4 B**	**55.1**	<0.0184	**0.721 J**	<0.981	**33.7**	3.7E-06	4.8E-01	3.9E-07	3.3E-02	1.6E-06	2.1E-01
823-SED-7	2/3/2026	**0.00207 J**	**0.00266 J**	<0.00353	<0.0877	<0.0877	**0.112 J**	**0.142 J**	**0.194 J**	**0.12 J**	<0.0877	<0.0877	**0.129 J**	<0.0877	**0.162 J**	**0.108 J**	<0.0877	**0.169 J**	**0.0106**	**1.35**	**16.6**	**0.139 J**	**0.137 J**	**9.14**	<0.122	**5.19**	**11.4 B**	**159**	**118**	**19.9 B**	**0.314 J**	**0.0137 J**	<0.0314	**11.3 B**	**50.1**	<0.0178	**1.27 J F1**	**0.995 J**	**27.5**	3.3E-06	3.9E-01	4.7E-07	2.7E-02	1.4E-06	1.7E-01
823-SED-8	2/3/2026	<0.00199	<0.00259	**0.00648 J**	**0.115 J**	**0.127 J**	**1.27**	**1.24**	**1.67**	**0.854**	**0.623 J**	<0.0812	**1.13**	**0.207 J**	**2.13**	**0.897**	**0.402 J**	**1.79**	**0.011**	**1.92**	**32.9**	**0.444**	**0.176 J**	**9.47**	<0.117	**5.69**	**21.5 B**	**26**	**131**	**21.3 B**	**0.737 J**	**0.0151 J**	<0.0356	**21.3 B**	**88.2**	<0.0183	**0.903 J**	<0.929	**38.4**	2.0E-05	5.5E-01	1.6E-06	3.8E-02	8.6E-06	2.3E-01
823-SED-9	2/3/2026	<0.00131	<0.0017	<0.00232	<0.0802	<0.0802	<0.0802	<0.0802	**0.0782 J**	<0.0802	<0.0802	<0.0802	<0.0802	<0.0802	<0.0802	<0.0802	<0.0802	**0.0923 J**	**0.00875**	**2.26**	**17**	**0.199 J**	**0.159 J**	**9.21**	<0.117	**5.8**	**12.9 B**	**12.4**	**154**	**17.3 B**	**0.375 J**	**0.0114 J**	<0.0308	**12.2 B**	**63.4**	<0.0173	**1.94**	**1.06 J**	**20**	3.4E-06	4.7E-01	7.6E-07	3.2E-02	1.5E-06	2.0E-01
823-SED-Dup	2/3/2026	<0.00214	<0.00278	<0.0038	<0.0856	<0.0856	**0.188 J**	**0.233 J**	**0.335 J**	**0.184 J**	**0.116 J**	<0.0856	**0.223 J**	<0.0856	**0.453 J**	**0.182 J**	**0.206 J**	**0.37 J**	**0.0103**	**0.707**	**18.4**	**0.115 J**	<0.0146	**8.28**	<0.132	**6.58**	**11.5 B**	**28.3**	**110**	**24.1 B**	**0.363 J**	**0.0138 J**	<0.0377	**16.3 B**	**52.2**	<0.018	**1.17 J**	**1.76 J**	**32.2**	See SED-6 Risk Assessment.					
EPA Resident Soil Screening Levels		1.2	490	0.0051	360	1800	1.1	0.11	1.1	NE	11	NE	110	0.11	240	1.1	NE	230	5.3	0.68	1500	16	0.71	NE	0.95	2.3	310	200	180	140	39	39	0.078	39	2,300	NE	NE	13,000	NE						

Notes:
All constituents are measured in Milligrams per kilogram (mg/Kg).
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
Detections that exceed the USEPA Regional Screening Levels.
Compound not in the NCDEQ Risk Calculator, compound was not entered.
J: Estimated value less than the reporting limit but greater than the method detection limit.
B: Compound was found in blank and sample.
F1: MS and/or MSD exceeds control limits.
F2:MS/MSD RPD exceeds control limits.
*3: ISTD response or retention time outside acceptable limits.
NE: Standard Not Established
NCDEQ Risk Calculator Values shown in red exceed risk.
Duplicate sample taken at SED-6

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-12A

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:	1/23/2026	Gas Analyzer	GEM 5000			
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000		Pre Calibration Time:	
Task Order:	**RI-9**	S&ME Personnel:	Logan Hester	Thermo Hygrometer			Post Calibration Time:	

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

Screening Data

Sample Location	**Time**	**VOCs**		**Methane**		**Carbon Dioxide**	**Oxygen**	**Hydrogen Sulfide**	**Barometric Pressure**	**Temperature**	**Humidity**
ID	**hr:min**	**ppm-v**	**%**	**volume in air (%)**	**% LEL (100% LEL = 5% CH4)**	**%**	**%**	**ppm-v**	**in-Hg**	**°F**	**%**
BG-1	07:48	0.0	0	0.0	0	0.1	21.2	0	29.98	41.0	45
BG-2	07:50	0.0	0	0.0	0	0.1	21.4	0	29.98	41.0	45
LFGP-1	07:53	0.0	0	0.0	0	0.4	20.2	0	29.97	41.0	45
LFGP-2	07:58	0.0	0	0.0	0	2.2	18.1	0	29.96	41.0	45
LFGP-3	08:02	0.0	0	0.0	0	3.9	14.9	0	29.96	41.0	45
LFGP-4	08:06	0.0	0	0.0	0	5.1	16.1	0	29.96	41.0	44
LFGP-5	08:11	0.0	0	14.7	>>>	9.3	0.3	0	29.96	41.0	44
LFGP-6	08:17	0.0	0	0.0	0	11.7	5.4	0	29.96	41.0	44
LFGP-7	08:25	0.0	0	0.0	0	7.8	16.2	0	29.97	41.0	44
LFGP-8	08:30	0.0	0	1.1	22	2.4	15.4	0	29.97	41.0	44
LFGP-9 (Implant)	08:38	0.0	0	0.0	0	11.4	3.2	0	29.96	41.0	44
LFGP-10 (Implant)	08:45	0.0	0	0.0	0	8.4	6.9	0	29.96	41.0	43
BG-3	08:50	0.0	0	0.0	0	0.1	21.3	0	29.99	41.0	43
BG-4	08:54	0.0	0	0.0	0	0.2	21.1	0	29.99	41.0	43

Name	**Signature**	**Date**	**Notes:**
(1) Logan Hester	Logan Hester	1/23/2026	

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	East End Park		
Project Number:	23050630 - 823RI-12		
Location:	Durham, NC	**Date:**	1/22/2026
Weather:	Overcast	**Air Temp (°F):**	60
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	1/22/2026

Sample Information					
Sample Type					
Sample ID	823-LFGP-1	823-LFGP-2	823-LFGP-3	823-LFGP-4	823-LFGP-5
Canister ID	6L3568	6L1290	6L0313	6L0239	6L1482
Regulator ID	23563	23941	26680	26259	23375
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 (%)	15.1	14.8	15.1	14.7	15
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	1013	945	957	927	1109
Initial Vacuum (inHg)	27	25	28	30	30
End Time	1113	1037	1057	1027	1209
Final Vacuum (inHg)	6	5	11	11	7
Approximate Total Time (min)	60	52	60	60	60
Sample Analysis	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15

Sampler Information

Sampled by: Madison Allen Sampler Signature: Date: 1/22/2026

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

Duplicate collected from LFGP-4

Revision Date: 5/3/18 11:30

Environmental Field Report	
Date: 2 / 3 /2026	**Job Number:** 23050630
Project Name: City of Durham Parks East End Park SED/SW Sampling	**Weather/Temperature:**
Project Location: 1200 N. Alston Avenue, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin Brandon Governo

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

Purpose: Sample the sediment and surface water along the waterway at 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)	Turbidity (NTU)	Relative Flow
1000	SED-9	SW-9	7.33	623	4.7	5.27	Mod
1045	SED-8	SW-8	7.32	571	3.6	4.71	Low
1130	SED-7	SW-7	7.23	594	3.7	6.86	Low
1215	SED-6	SW-6	7.41	523	4.6	5.54	Low
1215	SED-DUP	SW-DUP	7.41	523	Jo ~~3.8~~ 4.6	5.54	Low
1300	SED-5	SW-5	7.33	471	3.8	4.80	Low
1345	SED-4	SW-4	7.22	485	3.2	2.96	Low
1415	SED-3	SW-3	7.00	491	4.3	2.16	Low
1500	SED-2	SW-2	7.26	412	4.2	4.33	Low
1545	SED-1	SW-1	7.08	371	4.6	4.79	Low

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

GROUNDWATER SAMPLING FIELD DATA

Location:	East End Park	Purge Date:	Thursday. January 22, 2026
Project No.:	23050630BK	Purge Time:	15 minutes
Source Well:	MW-1	Sample Date:	Thursday, January 22, 2026
		Sample Time:	1005
Locked?:	Yes: x No:	Weather:	Sunny
Sampled By:	Rachel Moore and Clay Faircloth	Air Temp:	44

Water Level & Well Data

Depth to water from measuring point: 5.11 feet
Depth to well bottom from measuring point: feet
Height of water column: -5.11 feet
Measuring point: Top of Casing 10.42

Well Purging & Sample Collection

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

Purge Time
Start 945 Stop 1000
Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 21.01 x .163 = 3.42463 Gallons 13.0 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (uS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
950	1/22/26	13.80	7.71	621.00	3.49		
955	1/22/26	14.80	7.70	572.00	2.12		
1000	1/22/26	14.70	7.64	585.00	2.37		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments **823-MW-Dup-1 taken here**

Sampler Signatures (1) Rachel Moore
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:	East End Park	Purge Date:	Thursday, January 22, 2026
Project No.:	23050630BK	Purge Time:	15 minutes
Source Well:	MW-2	Sample Date:	Thursday, January 22, 2026
		Sample Time:	1135
Locked?:	Yes: x No:	Weather:	Overcast
Sampled By:	Rachel Moore and Clay Faircloth	Air Temp:	53

Water Level & Well Data

Depth to water from measuring point:	11.26	feet
Depth to well bottom from measuring point:		feet
Height of water column:	-11.26	feet
Measuring point:	Top of Casing 10.42	

Well Purging & Sample Collection

Purge Method: Peristaltic Pump
Sample Method: Peristaltic Pump
Purge Rate: _____ ml/min

Purge Time
Start 1115 Stop 1130

Sample Collection Time
Start _____ Stop _____

Volume of water in well

2" well:

height: 32.18 x .163 = 5.24534 Gallons 19.9 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 (uS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
1120	1/22/26	16.10	7.09	549.00	2.67		
1125	1/22/26	16.50	7.10	530.00	2.88		
1130	1/22/26	16.50	7.10	527.00	1.76		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments _____

Sampler Signatures (1) Rachel Moore
(2) _____

GROUNDWATER SAMPLING FIELD DATA

Location:	East End Park	Purge Date:	Thursday, January 22, 2026
Project No.:	26050630BK	Purge Time:	15 minutes
Source Well:	MW-4	Sample Date:	Thursday, January 22, 2026
		Sample Time:	1235
Locked?:	Yes: x No:	Weather:	Overcast
Sampled By:	Rachel Moore and Clay Faircloth	Air Temp:	55

Water Level & Well Data

Depth to water from measuring point: 15.18 feet
Depth to well bottom from measuring point: feet
Height of water column: -15.18 feet
Measuring point: Top of Casing

Well Purging & Sample Collection

Purge Method: Peristaltic Pump
Sample Method: Peristaltic Pump
Purge Rate: ml/min

Purge Time
Start 1215 Stop 1230
Start Stop

Volume of water in well
2" well:
height: 43.3 x .163 = 7.0579 Gallons 26.7 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (uS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
1220	1/22/26	17.30	7.54	252.00	8.10		
1225	1/22/26	17.70	7.50	227.00	1.35		
1230	1/22/26	17.80	7.48	242.00	1.48		
Final Readings							
		* C	units	mS/cm	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments

Sampler Signatures (1) Rachel Moore
(2)

GROUNDWATER SAMPLING FIELD DATA

Location:	East End Park	Purge Date:	Thursday, January 22, 2026
Project No.:	23050630BK	Purge Time:	40 minutes
Source Well:	MW-5	Sample Date:	Thursday, January 22, 2026
		Sample Time:	1445
Locked?:	Yes: x No:	Weather:	Overcast
Sampled By:	Rachel Moore and Clay Faircloth	Air Temp:	56

Water Level & Well Data

Depth to water from measuring point:	6.60	feet
Depth to well bottom from measuring point:	46.85	feet
Height of water column:	40.25	feet
Measuring point:	Top of Casing: 6:60ft	

Well Purging & Sample Collection

Purge Method: Peristaltic Pump
Sample Method: Peristaltic Pump
Purge Rate: ml/min

Purge Time
Start 1400 Stop 1440

Sample Collection Time
Start Stop

Volume of water in well
2" well:
height: 40.25 x .163 = 6.56075 Gallons 24.8 Liters

Volume of water removed gallons liters x

Was well purged dry Yes No x

Field Analyses

*Stabilization Parameters

Time	Date	Temp (*C)	pH	Conductivity (mS/cm)	*Turbidity (NTU)	DO (mg/L)	DTW
1405	1/22/26	15.3	6.56	457.00	172		
1410	1/22/26	15.1	6.50	455.00	148		
1415	1/22/26	14.9	6.49	457.00	116		
1420	1/22/26	14.9	6.47	455.00	117		
1425	1/22/26	14.9	6.48	460.00	95.6		
1430	1/22/26	14.8	6.50	468.00	74.5		
1435	1/22/26	14.9	6.51	465.00	75.6		
1440	1/22/26	14.9	6.50	468.00	75.1		
Final Readings		* C	units	75.1	NTU		

Analytical Data

Method	Container Type and No.	Preservation

Comments **Sediment/mud collected on interior walls of casing**

Sampler Signatures (1) Rachel Moore
(2)

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East End		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 22, 2026
Source Well:	**MW-3**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 22, 2026
Sampled By:	C. Faircloth	Sample Time:	10:40
Weather:	Overcast	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	1/22/26	09:30	4.00, 7.00, 10.00	4.8 7.6 10.4
Conductivity	1/22/26	09:45	1,413 µS/cm	1,405 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	10.35	ft-TOC
Total Well Depth:	56.30	ft-TOC
Height of Water Column:	45.95	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	7.5	gal
3 * Well Volume	22.5	gal
5 * Well Volume	37.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:15 **End Time:** 10:35

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	10:20	9.2	15.9	394	5.2	
	10:25	9.1	15.7	396	5.7	
	10:30	9.1	15.9	393	6.8	
	10:35	9.1	16	392	8.6	

Sample Method: Peristaltic Pump **Sample Time:** 10:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	2	250mL A	None	Metals 6020 (Total)	1	250mL P	HNO3
SVOCs 8270	4	40mL VOAs	None				
Sulfate 300.0	1	Other	None				

Name	Signature	Date
(1) Clay Faircloth		3/6/2026

Notes: Sampled with bailer

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East End		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 22, 2026
Source Well:	**MW-6**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 22, 2026
Sampled By:	C. Faircloth, H. Maness	Sample Time:	14:15
Weather:	Overcast	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/22/26	09:30	4.00, 7.00, 10.00	4.8	7.6	10.4
Conductivity	1/22/26	09:45	1,413 µS/cm	1,405 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	10.03	ft-TOC
Total Well Depth:	20.00	ft-TOC
Height of Water Column:	9.97	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

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

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:50 **End Time:** 14:10

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	13:55	7.2	16	1,571	4.3	
	14:00	7.1	16.1	1,607	5.5	
	14:05	7.1	16	1,597	2.5	
	14:10	7.1	16	1,590	4.1	

Sample Method: Peristaltic Pump **Sample Time:** 14:15

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	2	250mL A	None	Metals 6020 (Total)	1	250mL P	HNO3
SVOCs 8270	4	40mL VOAs	None				
Sulfate 300.0	1	Other	None				

Name	Signature	Date
(1) Clay Faircloth		3/6/2026

Notes: Suspended particles observed

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East End		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 22, 2026
Source Well:	**MW-7**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 22, 2026
Sampled By:	C. Faircloth, H. Maness	Sample Time:	11:55
Weather:	Overcast	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	1/22/26	09:30	4.00, 7.00, 10.00	4.8 7.6 10.4
Conductivity	1/22/26	09:45	1,413 µS/cm	1,405 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.65	ft-TOC
Total Well Depth:	32.10	ft-TOC
Height of Water Column:	27.45	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.5	gal
3 * Well Volume	13.4	gal
5 * Well Volume	22.4	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:30 **End Time:** 11:50

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	11:35	7.5	14.7	555	41	
	11:40	7.4	14.5	561	38	
	11:45	7.4	14.7	559	25	
	11:50	7.3	14.8	558	25	

Sample Method: Peristaltic Pump **Sample Time:** 11:55

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	2	250mL A	None	Metals 6020 (Total)	1	250mL P	HNO3
SVOCs 8270	4	40mL VOAs	None				
Sulfate 300.0	1	Other	None				

Name	Signature	Date
(1) Clay Faircloth		3/6/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	Durham Parks - East End		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	January 22, 2026
Source Well:	**MW-8**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 22, 2026
Sampled By:	C. Faircloth	Sample Time:	13:00
Weather:	Overcast	Air Temp:	40 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/22/26	09:30	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/22/26	09:45	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	14.23	ft-TOC
Total Well Depth:	57.70	ft-TOC
Height of Water Column:	43.47	feet
Screen Length:	5	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	7.1	gal
3 * Well Volume	21.3	gal
5 * Well Volume	35.5	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:35 **End Time:** 12:55

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
	12:40	7.7	16	656	5.8	
	12:45	7.6	16.5	651	2.4	
	12:50	7.6	16.7	653	1.7	
	12:55	7.6	16.8	655	0.52	

Sample Method: Peristaltic Pump **Sample Time:** 13:00

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
VOCs 8260	3	40mL VOAs	HCl	Ammonia-Nitrogen 350.1	1	250mL P	H2SO4
SVOCs 8270	2	250mL A	None	Metals 6020 (Total)	1	250mL P	HNO3
SVOCs 8270	4	40mL VOAs	None				
Sulfate 300.0	1	Other	None				

Name	Signature	Date
(1) Clay Faircloth		3/6/2026

Notes: Sulfuric odor, suspended particles observed

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

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

Generated 2/4/2026 5:45:25 PM

JOB DESCRIPTION

East End Park, Durham, NC

JOB NUMBER

752-41318-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

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2/4/2026 5:45:25 PM

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

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Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) 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.

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job Narrative
752-41318-1

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

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

Receipt
The samples were received on 1/22/2026 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5°C and 3.4°C.

Receipt Exceptions
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody.

GC/MS VOA
Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 823-MW-1 (752-41318-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 705-111210 recovered outside control limits for the following analytes: n-Heptane and Vinyl acetate.

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
Method 6020B - Total Recoverable: The method blank for preparation batch 705-110717 and analytical batch 705-111283 contained Copper and Nickel above the method detection limit. 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: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-1 — Lab Sample ID: 752-41318-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1.98		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	1.64	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	144		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	3.96	J	5.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0680	J F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0680	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 823-MW-2 — Lab Sample ID: 752-41318-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	10.4		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	572		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	182		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	1.48	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0500	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0500	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 823-MW-3 — Lab Sample ID: 752-41318-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	11.6		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	94.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Chromium	7.62		5.00	3.69	ug/L	1		6020B	Total Recoverable
Copper	2.45		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	11.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Vanadium	2.46	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrite as N	0.797		0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.379		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

Client Sample ID: 823-MW-4 — Lab Sample ID: 752-41318-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	7.94		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	516		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.41		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	381		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.06	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.28	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	33.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	1.06		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 823-MW-4 (Continued)
Lab Sample ID: 752-41318-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.06		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	2.62	J	10.0	0.630	ug/L	1		8270E	Total/NA
Fluorene	1.38	J	10.0	0.670	ug/L	1		8270E	Total/NA
Sulfate	2.31		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	3.23	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	417		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	2.60	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	3550		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.782	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	13.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.424		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0590	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0590	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 823-MW-6
Lab Sample ID: 752-41318-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.55		5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	739		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.987	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Lead	0.881	J	1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	2510		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.668	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.22	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.409		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0530	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0530	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.294	J	1.00	0.216	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.604	J	1.00	0.193	ug/L	1		8260D	Total/NA
Sulfate	2.73		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	425		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.536	J	5.00	0.411	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-MW-7 (Continued)
Lab Sample ID: 752-41318-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.830	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	88.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.64	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	2.68	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrite as N	0.459		0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	17.0		2.00	0.200	mg/L	20		353.2-1993 R2.0	Total/NA
Nitrate as N	16.5		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: 823-MW-8
Lab Sample ID: 752-41318-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	11.7		1.00	0.175	ug/L	1		8260D	Total/NA
Phenol	5.27	J I	10.2	0.696	ug/L	1		8270E	Total/NA
Sulfate	5.91		1.00	0.767	mg/L	1		9056A	Total/NA
Arsenic	2.17	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	883		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	1590		5.00	1.29	ug/L	1		6020B	Total Recoverable

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1.62		1.00	0.767	mg/L	1		9056A	Total/NA
Barium	141		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	5.63		5.00	1.29	ug/L	1		6020B	Total Recoverable

Client Sample ID: Trip Blank
Lab Sample ID: 752-41318-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-1
Lab Sample ID: 752-41318-1
Date Collected: 01/22/26 10:05
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 18:41	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 18:41	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 18:41	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 18:41	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 18:41	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 18:41	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 18:41	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 18:41	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 18:41	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 18:41	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 18:41	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 18:41	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 18:41	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 18:41	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 18:41	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 18:41	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 18:41	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 18:41	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 18:41	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 18:41	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 18:41	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 18:41	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 18:41	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 18:41	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 18:41	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 18:41	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 18:41	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 18:41	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 18:41	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 18:41	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 18:41	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 18:41	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 18:41	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 18:41	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 18:41	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 18:41	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 18:41	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 18:41	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 18:41	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 18:41	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 18:41	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 18:41	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 18:41	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 18:41	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 18:41	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 18:41	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 18:41	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 18:41	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 18:41	1

Client Sample ID: 823-MW-1
Lab Sample ID: 752-41318-1
Date Collected: 01/22/26 10:05
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 18:41	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 18:41	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 18:41	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 18:41	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 18:41	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 18:41	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 18:41	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 18:41	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 18:41	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 18:41	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 18:41	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 18:41	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 18:41	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 18:41	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 18:41	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 18:41	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 18:41	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 18:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 18:41	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 18:41	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 18:41	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 18:41	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 18:41	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 126*		*01/28/26 18:41*	*1*
Dibromofluoromethane	*124*	*S1+*	*77 - 121*		*01/28/26 18:41*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 18:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		01/26/26 13:29	01/28/26 02:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*40 - 150*	*01/26/26 13:29*	*01/28/26 02:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		01/24/26 13:18	01/28/26 19:07	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		01/24/26 13:18	01/28/26 19:07	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		01/24/26 13:18	01/28/26 19:07	1
2-Chlorophenol	ND		10.2	0.854	ug/L		01/24/26 13:18	01/28/26 19:07	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		01/24/26 13:18	01/28/26 19:07	1
2-Methylphenol	ND		10.2	0.773	ug/L		01/24/26 13:18	01/28/26 19:07	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-1
Lab Sample ID: 752-41318-1
Date Collected: 01/22/26 10:05
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.39	ug/L		01/24/26 13:18	01/28/26 19:07	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/24/26 13:18	01/28/26 19:07	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		01/24/26 13:18	01/28/26 19:07	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		01/24/26 13:18	01/28/26 19:07	1
3-Nitroaniline	ND		10.2	0.966	ug/L		01/24/26 13:18	01/28/26 19:07	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		01/24/26 13:18	01/28/26 19:07	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		01/24/26 13:18	01/28/26 19:07	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		01/24/26 13:18	01/28/26 19:07	1
4-Chloroaniline	ND		10.2	0.590	ug/L		01/24/26 13:18	01/28/26 19:07	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		01/24/26 13:18	01/28/26 19:07	1
4-Nitroaniline	ND		10.2	3.56	ug/L		01/24/26 13:18	01/28/26 19:07	1
4-Nitrophenol	ND		10.2	2.79	ug/L		01/24/26 13:18	01/28/26 19:07	1
Acenaphthene	ND		10.2	0.641	ug/L		01/24/26 13:18	01/28/26 19:07	1
Acenaphthylene	ND		10.2	0.773	ug/L		01/24/26 13:18	01/28/26 19:07	1
Acetophenone	ND		10.2	3.25	ug/L		01/24/26 13:18	01/28/26 19:07	1
Anthracene	ND		10.2	0.925	ug/L		01/24/26 13:18	01/28/26 19:07	1
Atrazine	ND		10.2	1.15	ug/L		01/24/26 13:18	01/28/26 19:07	1
Benzaldehyde	ND		10.2	0.681	ug/L		01/24/26 13:18	01/28/26 19:07	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/24/26 13:18	01/28/26 19:07	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/24/26 13:18	01/28/26 19:07	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/24/26 13:18	01/28/26 19:07	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/24/26 13:18	01/28/26 19:07	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/24/26 13:18	01/28/26 19:07	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		01/24/26 13:18	01/28/26 19:07	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		01/24/26 13:18	01/28/26 19:07	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		01/24/26 13:18	01/28/26 19:07	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 19:07	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 19:07	1
Caprolactam	ND		10.2	2.44	ug/L		01/24/26 13:18	01/28/26 19:07	1
Carbazole	ND		10.2	0.325	ug/L		01/24/26 13:18	01/28/26 19:07	1
Chrysene	ND		10.2	1.22	ug/L		01/24/26 13:18	01/28/26 19:07	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		01/24/26 13:18	01/28/26 19:07	1
Dibenzofuran	ND		10.2	0.651	ug/L		01/24/26 13:18	01/28/26 19:07	1
Diethyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 19:07	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 19:07	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		01/24/26 13:18	01/28/26 19:07	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 19:07	1
Fluoranthene	ND		10.2	0.641	ug/L		01/24/26 13:18	01/28/26 19:07	1
Fluorene	ND		10.2	0.681	ug/L		01/24/26 13:18	01/28/26 19:07	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		01/24/26 13:18	01/28/26 19:07	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		01/24/26 13:18	01/28/26 19:07	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		01/24/26 13:18	01/28/26 19:07	1
Hexachloroethane	ND		10.2	0.539	ug/L		01/24/26 13:18	01/28/26 19:07	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/24/26 13:18	01/28/26 19:07	1
Isophorone	ND		10.2	0.814	ug/L		01/24/26 13:18	01/28/26 19:07	1
Naphthalene	ND		10.2	0.763	ug/L		01/24/26 13:18	01/28/26 19:07	1
Nitrobenzene	ND		10.2	0.610	ug/L		01/24/26 13:18	01/28/26 19:07	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		01/24/26 13:18	01/28/26 19:07	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		01/24/26 13:18	01/28/26 19:07	1

Client Sample ID: 823-MW-1
Lab Sample ID: 752-41318-1

Date Collected: 01/22/26 10:05
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.85	ug/L		01/24/26 13:18	01/28/26 19:07	1
Phenanthrene	ND		10.2	0.753	ug/L		01/24/26 13:18	01/28/26 19:07	1
Phenol	ND		10.2	0.692	ug/L		01/24/26 13:18	01/28/26 19:07	1
Pyrene	ND		10.2	0.641	ug/L		01/24/26 13:18	01/28/26 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 150*	*01/24/26 13:18*	*01/28/26 19:07*	*1*
2-Fluorobiphenyl (Surr)	*49*		*25 - 139*	*01/24/26 13:18*	*01/28/26 19:07*	*1*
2-Fluorophenol (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 19:07*	*1*
Nitrobenzene-d5 (Surr)	*51*		*22 - 150*	*01/24/26 13:18*	*01/28/26 19:07*	*1*
Phenol-d5 (Surr)	*47*		*10 - 150*	*01/24/26 13:18*	*01/28/26 19:07*	*1*
Terphenyl-d14 (Surr)	*41*		*28 - 150*	*01/24/26 13:18*	*01/28/26 19:07*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1.98**		1.00	0.767	mg/L			01/28/26 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/31/26 00:53	1
Arsenic	**1.64**	**J**	5.00	1.32	ug/L		01/28/26 14:22	01/31/26 00:53	1
Barium	**144**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 00:53	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 00:53	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 00:53	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 00:53	1
Cobalt	ND		5.00	0.411	ug/L		01/28/26 14:22	01/31/26 00:53	1
Copper	ND		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 00:53	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 00:53	1
Manganese	**3.96**	**J**	5.00	1.29	ug/L		01/28/26 14:22	01/31/26 00:53	1
Nickel	ND		5.00	0.422	ug/L		01/28/26 14:22	01/31/26 00:53	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 00:53	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 00:53	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 00:53	1
Vanadium	ND		5.00	1.22	ug/L		01/28/26 14:22	01/31/26 00:53	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 00:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 12:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/29/26 13:26	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 15:59	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0680**	**J F1**	0.100	0.0100	mg/L			01/31/26 18:47	1
Nitrate as N (SM Nitrate by calc)	**0.0680**	**J**	0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-2
Lab Sample ID: 752-41318-2
Date Collected: 01/22/26 11:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 19:03	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 19:03	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 19:03	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 19:03	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 19:03	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 19:03	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 19:03	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 19:03	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 19:03	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 19:03	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 19:03	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 19:03	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 19:03	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 19:03	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 19:03	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 19:03	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 19:03	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 19:03	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 19:03	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 19:03	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 19:03	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 19:03	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 19:03	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 19:03	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 19:03	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 19:03	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 19:03	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 19:03	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 19:03	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 19:03	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 19:03	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 19:03	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 19:03	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 19:03	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 19:03	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 19:03	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 19:03	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 19:03	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 19:03	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 19:03	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 19:03	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 19:03	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 19:03	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 19:03	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 19:03	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 19:03	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 19:03	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 19:03	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 19:03	1

Client Sample ID: 823-MW-2
Lab Sample ID: 752-41318-2
Date Collected: 01/22/26 11:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 19:03	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 19:03	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 19:03	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 19:03	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 19:03	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 19:03	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 19:03	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 19:03	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 19:03	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 19:03	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 19:03	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 19:03	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 19:03	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 19:03	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 19:03	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 19:03	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 19:03	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 19:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 19:03	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 19:03	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 19:03	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 19:03	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 19:03	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 126*		*01/28/26 19:03*	*1*
Dibromofluoromethane	*120*		*77 - 121*		*01/28/26 19:03*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/28/26 19:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		01/26/26 13:29	01/28/26 02:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*40 - 150*	*01/26/26 13:29*	*01/28/26 02:37*	*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		01/24/26 13:18	01/28/26 19:37	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		01/24/26 13:18	01/28/26 19:37	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/24/26 13:18	01/28/26 19:37	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		01/24/26 13:18	01/28/26 19:37	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		01/24/26 13:18	01/28/26 19:37	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		01/24/26 13:18	01/28/26 19:37	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		01/24/26 13:18	01/28/26 19:37	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		01/24/26 13:18	01/28/26 19:37	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		01/24/26 13:18	01/28/26 19:37	1
2-Chlorophenol	ND		10.1	0.851	ug/L		01/24/26 13:18	01/28/26 19:37	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		01/24/26 13:18	01/28/26 19:37	1
2-Methylphenol	ND		10.1	0.770	ug/L		01/24/26 13:18	01/28/26 19:37	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-2
Lab Sample ID: 752-41318-2
Date Collected: 01/22/26 11:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.39	ug/L		01/24/26 13:18	01/28/26 19:37	1
2-Nitrophenol	ND		10.1	1.19	ug/L		01/24/26 13:18	01/28/26 19:37	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		01/24/26 13:18	01/28/26 19:37	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		01/24/26 13:18	01/28/26 19:37	1
3-Nitroaniline	ND		10.1	0.963	ug/L		01/24/26 13:18	01/28/26 19:37	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		01/24/26 13:18	01/28/26 19:37	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		01/24/26 13:18	01/28/26 19:37	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		01/24/26 13:18	01/28/26 19:37	1
4-Chloroaniline	ND		10.1	0.588	ug/L		01/24/26 13:18	01/28/26 19:37	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		01/24/26 13:18	01/28/26 19:37	1
4-Nitroaniline	ND		10.1	3.55	ug/L		01/24/26 13:18	01/28/26 19:37	1
4-Nitrophenol	ND		10.1	2.78	ug/L		01/24/26 13:18	01/28/26 19:37	1
Acenaphthene	ND		10.1	0.639	ug/L		01/24/26 13:18	01/28/26 19:37	1
Acenaphthylene	ND		10.1	0.770	ug/L		01/24/26 13:18	01/28/26 19:37	1
Acetophenone	ND		10.1	3.24	ug/L		01/24/26 13:18	01/28/26 19:37	1
Anthracene	ND		10.1	0.922	ug/L		01/24/26 13:18	01/28/26 19:37	1
Atrazine	ND		10.1	1.15	ug/L		01/24/26 13:18	01/28/26 19:37	1
Benzaldehyde	ND		10.1	0.679	ug/L		01/24/26 13:18	01/28/26 19:37	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/24/26 13:18	01/28/26 19:37	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/24/26 13:18	01/28/26 19:37	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		01/24/26 13:18	01/28/26 19:37	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		01/24/26 13:18	01/28/26 19:37	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		01/24/26 13:18	01/28/26 19:37	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		01/24/26 13:18	01/28/26 19:37	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		01/24/26 13:18	01/28/26 19:37	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		01/24/26 13:18	01/28/26 19:37	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		01/24/26 13:18	01/28/26 19:37	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		01/24/26 13:18	01/28/26 19:37	1
Caprolactam	ND		10.1	2.43	ug/L		01/24/26 13:18	01/28/26 19:37	1
Carbazole	ND		10.1	0.324	ug/L		01/24/26 13:18	01/28/26 19:37	1
Chrysene	ND		10.1	1.22	ug/L		01/24/26 13:18	01/28/26 19:37	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		01/24/26 13:18	01/28/26 19:37	1
Dibenzofuran	ND		10.1	0.649	ug/L		01/24/26 13:18	01/28/26 19:37	1
Diethyl phthalate	ND		10.1	4.05	ug/L		01/24/26 13:18	01/28/26 19:37	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		01/24/26 13:18	01/28/26 19:37	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		01/24/26 13:18	01/28/26 19:37	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		01/24/26 13:18	01/28/26 19:37	1
Fluoranthene	ND		10.1	0.639	ug/L		01/24/26 13:18	01/28/26 19:37	1
Fluorene	ND		10.1	0.679	ug/L		01/24/26 13:18	01/28/26 19:37	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		01/24/26 13:18	01/28/26 19:37	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		01/24/26 13:18	01/28/26 19:37	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		01/24/26 13:18	01/28/26 19:37	1
Hexachloroethane	ND		10.1	0.537	ug/L		01/24/26 13:18	01/28/26 19:37	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/24/26 13:18	01/28/26 19:37	1
Isophorone	ND		10.1	0.811	ug/L		01/24/26 13:18	01/28/26 19:37	1
Naphthalene	ND		10.1	0.760	ug/L		01/24/26 13:18	01/28/26 19:37	1
Nitrobenzene	ND		10.1	0.608	ug/L		01/24/26 13:18	01/28/26 19:37	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		01/24/26 13:18	01/28/26 19:37	1
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		01/24/26 13:18	01/28/26 19:37	1

Client Sample ID: 823-MW-2
Lab Sample ID: 752-41318-2

Date Collected: 01/22/26 11:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.84	ug/L		01/24/26 13:18	01/28/26 19:37	1
Phenanthrene	ND		10.1	0.750	ug/L		01/24/26 13:18	01/28/26 19:37	1
Phenol	ND		10.1	0.689	ug/L		01/24/26 13:18	01/28/26 19:37	1
Pyrene	ND		10.1	0.639	ug/L		01/24/26 13:18	01/28/26 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 150*	*01/24/26 13:18*	*01/28/26 19:37*	*1*
2-Fluorobiphenyl (Surr)	*48*		*25 - 139*	*01/24/26 13:18*	*01/28/26 19:37*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 150*	*01/24/26 13:18*	*01/28/26 19:37*	*1*
Nitrobenzene-d5 (Surr)	*54*		*22 - 150*	*01/24/26 13:18*	*01/28/26 19:37*	*1*
Phenol-d5 (Surr)	*54*		*10 - 150*	*01/24/26 13:18*	*01/28/26 19:37*	*1*
Terphenyl-d14 (Surr)	*32*		*28 - 150*	*01/24/26 13:18*	*01/28/26 19:37*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**10.4**		1.00	0.767	mg/L			01/28/26 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/31/26 00:56	1
Arsenic	ND		5.00	1.32	ug/L		01/28/26 14:22	01/31/26 00:56	1
Barium	**572**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 00:56	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 00:56	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 00:56	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 00:56	1
Cobalt	ND		5.00	0.411	ug/L		01/28/26 14:22	01/31/26 00:56	1
Copper	ND		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 00:56	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 00:56	1
Manganese	**182**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 00:56	1
Nickel	ND		5.00	0.422	ug/L		01/28/26 14:22	01/31/26 00:56	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 00:56	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 00:56	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 00:56	1
Vanadium	**1.48**	**J**	5.00	1.22	ug/L		01/28/26 14:22	01/31/26 00:56	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 00:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/29/26 13:28	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 16:24	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0500**	**J**	0.100	0.0100	mg/L			01/31/26 18:53	1
Nitrate as N (SM Nitrate by calc)	**0.0500**	**J**	0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-3
Lab Sample ID: 752-41318-3
Date Collected: 01/22/26 10:40
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 19:24	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 19:24	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 19:24	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 19:24	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 19:24	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 19:24	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 19:24	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 19:24	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 19:24	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 19:24	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 19:24	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 19:24	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 19:24	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 19:24	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 19:24	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 19:24	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 19:24	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 19:24	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 19:24	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 19:24	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 19:24	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 19:24	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 19:24	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 19:24	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 19:24	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 19:24	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 19:24	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 19:24	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 19:24	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 19:24	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 19:24	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 19:24	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 19:24	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 19:24	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 19:24	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 19:24	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 19:24	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 19:24	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 19:24	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 19:24	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 19:24	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 19:24	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 19:24	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 19:24	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 19:24	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 19:24	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 19:24	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 19:24	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 19:24	1

Client Sample ID: 823-MW-3
Lab Sample ID: 752-41318-3
Date Collected: 01/22/26 10:40
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 19:24	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 19:24	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 19:24	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 19:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 19:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 19:24	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 19:24	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 19:24	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 19:24	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 19:24	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 19:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 19:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 19:24	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 19:24	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 19:24	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 19:24	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 19:24	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 19:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 19:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 19:24	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 19:24	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 19:24	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 126*		*01/28/26 19:24*	*1*
Dibromofluoromethane	*121*		*77 - 121*		*01/28/26 19:24*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 19:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		01/26/26 13:29	01/28/26 03:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*57*		*40 - 150*	*01/26/26 13:29*	*01/28/26 03:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/24/26 13:18	01/28/26 20:07	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/24/26 13:18	01/28/26 20:07	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/24/26 13:18	01/28/26 20:07	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/24/26 13:18	01/28/26 20:07	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/24/26 13:18	01/28/26 20:07	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/24/26 13:18	01/28/26 20:07	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-3
Lab Sample ID: 752-41318-3
Date Collected: 01/22/26 10:40
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/24/26 13:18	01/28/26 20:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/24/26 13:18	01/28/26 20:07	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/24/26 13:18	01/28/26 20:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/24/26 13:18	01/28/26 20:07	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/24/26 13:18	01/28/26 20:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/24/26 13:18	01/28/26 20:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/24/26 13:18	01/28/26 20:07	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/24/26 13:18	01/28/26 20:07	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/24/26 13:18	01/28/26 20:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/24/26 13:18	01/28/26 20:07	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/24/26 13:18	01/28/26 20:07	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/24/26 13:18	01/28/26 20:07	1
Acenaphthene	ND		10.0	0.630	ug/L		01/24/26 13:18	01/28/26 20:07	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/24/26 13:18	01/28/26 20:07	1
Acetophenone	ND		10.0	3.20	ug/L		01/24/26 13:18	01/28/26 20:07	1
Anthracene	ND		10.0	0.910	ug/L		01/24/26 13:18	01/28/26 20:07	1
Atrazine	ND		10.0	1.13	ug/L		01/24/26 13:18	01/28/26 20:07	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/24/26 13:18	01/28/26 20:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/24/26 13:18	01/28/26 20:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 20:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 20:07	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/24/26 13:18	01/28/26 20:07	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/24/26 13:18	01/28/26 20:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/24/26 13:18	01/28/26 20:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/24/26 13:18	01/28/26 20:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/24/26 13:18	01/28/26 20:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 20:07	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 20:07	1
Caprolactam	ND		10.0	2.40	ug/L		01/24/26 13:18	01/28/26 20:07	1
Carbazole	ND		10.0	0.320	ug/L		01/24/26 13:18	01/28/26 20:07	1
Chrysene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 20:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/24/26 13:18	01/28/26 20:07	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/24/26 13:18	01/28/26 20:07	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 20:07	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 20:07	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/24/26 13:18	01/28/26 20:07	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 20:07	1
Fluoranthene	ND		10.0	0.630	ug/L		01/24/26 13:18	01/28/26 20:07	1
Fluorene	ND		10.0	0.670	ug/L		01/24/26 13:18	01/28/26 20:07	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/24/26 13:18	01/28/26 20:07	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/24/26 13:18	01/28/26 20:07	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/24/26 13:18	01/28/26 20:07	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/24/26 13:18	01/28/26 20:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 20:07	1
Isophorone	ND		10.0	0.800	ug/L		01/24/26 13:18	01/28/26 20:07	1
Naphthalene	ND		10.0	0.750	ug/L		01/24/26 13:18	01/28/26 20:07	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/24/26 13:18	01/28/26 20:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/24/26 13:18	01/28/26 20:07	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/24/26 13:18	01/28/26 20:07	1

Client Sample ID: 823-MW-3
Lab Sample ID: 752-41318-3

Date Collected: 01/22/26 10:40
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		01/24/26 13:18	01/28/26 20:07	1
Phenanthrene	ND		10.0	0.740	ug/L		01/24/26 13:18	01/28/26 20:07	1
Phenol	ND		10.0	0.680	ug/L		01/24/26 13:18	01/28/26 20:07	1
Pyrene	ND		10.0	0.630	ug/L		01/24/26 13:18	01/28/26 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 20:07*	*1*
2-Fluorobiphenyl (Surr)	*48*		*25 - 139*	*01/24/26 13:18*	*01/28/26 20:07*	*1*
2-Fluorophenol (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 20:07*	*1*
Nitrobenzene-d5 (Surr)	*52*		*22 - 150*	*01/24/26 13:18*	*01/28/26 20:07*	*1*
Phenol-d5 (Surr)	*45*		*10 - 150*	*01/24/26 13:18*	*01/28/26 20:07*	*1*
Terphenyl-d14 (Surr)	*34*		*28 - 150*	*01/24/26 13:18*	*01/28/26 20:07*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**11.6**		1.00	0.767	mg/L			01/28/26 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/31/26 00:58	1
Arsenic	ND		5.00	1.32	ug/L		01/28/26 14:22	01/31/26 00:58	1
Barium	**94.9**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 00:58	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 00:58	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 00:58	1
Chromium	**7.62**		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 00:58	1
Cobalt	ND		5.00	0.411	ug/L		01/28/26 14:22	01/31/26 00:58	1
Copper	**2.45**		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 00:58	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 00:58	1
Manganese	**11.0**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 00:58	1
Nickel	ND		5.00	0.422	ug/L		01/28/26 14:22	01/31/26 00:58	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 00:58	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 00:58	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 00:58	1
Vanadium	**2.46**	**J**	5.00	1.22	ug/L		01/28/26 14:22	01/31/26 00:58	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 00:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND	F1	0.0500	0.0200	mg/L			01/29/26 13:59	1
Nitrite as N (EPA 353.2)	**0.797**		0.100	0.0168	mg/L			01/23/26 16:26	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.379**		0.100	0.0100	mg/L			01/31/26 18:55	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-4
Lab Sample ID: 752-41318-4
Date Collected: 01/22/26 12:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 19:46	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 19:46	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 19:46	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 19:46	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 19:46	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 19:46	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 19:46	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 19:46	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 19:46	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 19:46	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 19:46	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 19:46	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 19:46	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 19:46	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 19:46	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 19:46	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 19:46	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 19:46	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 19:46	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 19:46	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 19:46	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 19:46	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 19:46	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 19:46	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 19:46	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 19:46	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 19:46	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 19:46	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 19:46	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 19:46	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 19:46	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 19:46	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 19:46	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 19:46	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 19:46	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 19:46	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 19:46	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 19:46	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 19:46	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 19:46	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 19:46	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 19:46	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 19:46	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 19:46	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 19:46	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 19:46	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 19:46	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 19:46	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 19:46	1

Client Sample ID: 823-MW-4
Lab Sample ID: 752-41318-4
Date Collected: 01/22/26 12:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 19:46	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 19:46	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 19:46	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 19:46	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 19:46	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 19:46	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 19:46	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 19:46	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 19:46	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 19:46	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 19:46	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 19:46	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 19:46	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 19:46	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 19:46	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 19:46	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 19:46	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 19:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 19:46	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 19:46	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 19:46	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 19:46	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 19:46	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 126*		*01/28/26 19:46*	*1*
Dibromofluoromethane	*121*		*77 - 121*		*01/28/26 19:46*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/28/26 19:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		01/26/26 13:29	01/28/26 03:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*51*		*40 - 150*	*01/26/26 13:29*	*01/28/26 03:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		01/24/26 13:18	01/28/26 20:37	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		01/24/26 13:18	01/28/26 20:37	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		01/24/26 13:18	01/28/26 20:37	1
2-Chlorophenol	ND		9.90	0.832	ug/L		01/24/26 13:18	01/28/26 20:37	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		01/24/26 13:18	01/28/26 20:37	1
2-Methylphenol	ND		9.90	0.752	ug/L		01/24/26 13:18	01/28/26 20:37	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-4
Lab Sample ID: 752-41318-4
Date Collected: 01/22/26 12:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.90	1.36	ug/L		01/24/26 13:18	01/28/26 20:37	1
2-Nitrophenol	ND		9.90	1.16	ug/L		01/24/26 13:18	01/28/26 20:37	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		01/24/26 13:18	01/28/26 20:37	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		01/24/26 13:18	01/28/26 20:37	1
3-Nitroaniline	ND		9.90	0.941	ug/L		01/24/26 13:18	01/28/26 20:37	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		01/24/26 13:18	01/28/26 20:37	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		01/24/26 13:18	01/28/26 20:37	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		01/24/26 13:18	01/28/26 20:37	1
4-Chloroaniline	ND		9.90	0.574	ug/L		01/24/26 13:18	01/28/26 20:37	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		01/24/26 13:18	01/28/26 20:37	1
4-Nitroaniline	ND		9.90	3.47	ug/L		01/24/26 13:18	01/28/26 20:37	1
4-Nitrophenol	ND		9.90	2.71	ug/L		01/24/26 13:18	01/28/26 20:37	1
Acenaphthene	ND		9.90	0.624	ug/L		01/24/26 13:18	01/28/26 20:37	1
Acenaphthylene	ND		9.90	0.752	ug/L		01/24/26 13:18	01/28/26 20:37	1
Acetophenone	ND		9.90	3.17	ug/L		01/24/26 13:18	01/28/26 20:37	1
Anthracene	ND		9.90	0.901	ug/L		01/24/26 13:18	01/28/26 20:37	1
Atrazine	ND		9.90	1.12	ug/L		01/24/26 13:18	01/28/26 20:37	1
Benzaldehyde	ND		9.90	0.663	ug/L		01/24/26 13:18	01/28/26 20:37	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		01/24/26 13:18	01/28/26 20:37	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		01/24/26 13:18	01/28/26 20:37	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		01/24/26 13:18	01/28/26 20:37	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		01/24/26 13:18	01/28/26 20:37	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		01/24/26 13:18	01/28/26 20:37	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		01/24/26 13:18	01/28/26 20:37	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		01/24/26 13:18	01/28/26 20:37	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		01/24/26 13:18	01/28/26 20:37	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		01/24/26 13:18	01/28/26 20:37	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		01/24/26 13:18	01/28/26 20:37	1
Caprolactam	ND		9.90	2.38	ug/L		01/24/26 13:18	01/28/26 20:37	1
Carbazole	ND		9.90	0.317	ug/L		01/24/26 13:18	01/28/26 20:37	1
Chrysene	ND		9.90	1.19	ug/L		01/24/26 13:18	01/28/26 20:37	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		01/24/26 13:18	01/28/26 20:37	1
Dibenzofuran	ND		9.90	0.634	ug/L		01/24/26 13:18	01/28/26 20:37	1
Diethyl phthalate	ND		9.90	3.96	ug/L		01/24/26 13:18	01/28/26 20:37	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		01/24/26 13:18	01/28/26 20:37	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		01/24/26 13:18	01/28/26 20:37	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		01/24/26 13:18	01/28/26 20:37	1
Fluoranthene	ND		9.90	0.624	ug/L		01/24/26 13:18	01/28/26 20:37	1
Fluorene	ND		9.90	0.663	ug/L		01/24/26 13:18	01/28/26 20:37	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		01/24/26 13:18	01/28/26 20:37	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		01/24/26 13:18	01/28/26 20:37	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		01/24/26 13:18	01/28/26 20:37	1
Hexachloroethane	ND		9.90	0.525	ug/L		01/24/26 13:18	01/28/26 20:37	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		01/24/26 13:18	01/28/26 20:37	1
Isophorone	ND		9.90	0.792	ug/L		01/24/26 13:18	01/28/26 20:37	1
Naphthalene	ND		9.90	0.743	ug/L		01/24/26 13:18	01/28/26 20:37	1
Nitrobenzene	ND		9.90	0.594	ug/L		01/24/26 13:18	01/28/26 20:37	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		01/24/26 13:18	01/28/26 20:37	1
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		01/24/26 13:18	01/28/26 20:37	1

Client Sample ID: 823-MW-4
Lab Sample ID: 752-41318-4
Date Collected: 01/22/26 12:35
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.90	2.77	ug/L		01/24/26 13:18	01/28/26 20:37	1
Phenanthrene	ND		9.90	0.733	ug/L		01/24/26 13:18	01/28/26 20:37	1
Phenol	ND		9.90	0.673	ug/L		01/24/26 13:18	01/28/26 20:37	1
Pyrene	ND		9.90	0.624	ug/L		01/24/26 13:18	01/28/26 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 150*	*01/24/26 13:18*	*01/28/26 20:37*	*1*
2-Fluorobiphenyl (Surr)	*51*		*25 - 139*	*01/24/26 13:18*	*01/28/26 20:37*	*1*
2-Fluorophenol (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 20:37*	*1*
Nitrobenzene-d5 (Surr)	*54*		*22 - 150*	*01/24/26 13:18*	*01/28/26 20:37*	*1*
Phenol-d5 (Surr)	*43*		*10 - 150*	*01/24/26 13:18*	*01/28/26 20:37*	*1*
Terphenyl-d14 (Surr)	*36*		*28 - 150*	*01/24/26 13:18*	*01/28/26 20:37*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**7.94**		1.00	0.767	mg/L			01/28/26 14:58	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		01/28/26 14:22	01/31/26 01:20	1
Arsenic	ND		5.00	1.32	ug/L		01/28/26 14:22	01/31/26 01:20	1
Barium	**516**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 01:20	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 01:20	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 01:20	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 01:20	1
Cobalt	ND		5.00	0.411	ug/L		01/28/26 14:22	01/31/26 01:20	1
Copper	**3.41**		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 01:20	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 01:20	1
Manganese	**381**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 01:20	1
Nickel	**4.06**	**J**	5.00	0.422	ug/L		01/28/26 14:22	01/31/26 01:20	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 01:20	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 01:20	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 01:20	1
Vanadium	**2.28**	**J**	5.00	1.22	ug/L		01/28/26 14:22	01/31/26 01:20	1
Zinc	**33.0**		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 01:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND	F1	0.0500	0.0200	mg/L			01/30/26 10:51	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 16:27	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**1.06**		0.200	0.0200	mg/L			01/31/26 18:57	2
Nitrate as N (SM Nitrate by calc)	**1.06**		0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5
Date Collected: 01/22/26 14:45
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 20:08	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 20:08	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 20:08	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 20:08	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 20:08	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 20:08	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 20:08	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 20:08	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 20:08	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 20:08	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 20:08	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 20:08	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 20:08	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 20:08	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 20:08	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 20:08	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 20:08	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 20:08	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 20:08	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 20:08	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 20:08	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 20:08	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 20:08	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 20:08	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 20:08	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 20:08	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 20:08	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 20:08	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 20:08	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 20:08	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 20:08	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 20:08	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 20:08	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 20:08	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 20:08	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 20:08	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 20:08	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 20:08	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 20:08	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 20:08	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 20:08	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 20:08	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 20:08	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 20:08	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 20:08	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 20:08	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 20:08	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 20:08	1

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5
Date Collected: 01/22/26 14:45
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 20:08	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 20:08	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 20:08	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 20:08	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 20:08	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 20:08	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 20:08	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 20:08	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 20:08	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 20:08	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 20:08	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 20:08	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 20:08	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 20:08	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 20:08	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 20:08	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 20:08	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 20:08	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 20:08	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 20:08	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 20:08	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 20:08	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*01/28/26 20:08*	*1*
Dibromofluoromethane	*120*		*77 - 121*		*01/28/26 20:08*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 20:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		01/26/26 13:29	01/28/26 04:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*42*		*40 - 150*	*01/26/26 13:29*	*01/28/26 04:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/24/26 13:18	01/28/26 21:07	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/24/26 13:18	01/28/26 21:07	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/24/26 13:18	01/28/26 21:07	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/24/26 13:18	01/28/26 21:07	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/24/26 13:18	01/28/26 21:07	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/24/26 13:18	01/28/26 21:07	1

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5
Date Collected: 01/22/26 14:45
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/24/26 13:18	01/28/26 21:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/24/26 13:18	01/28/26 21:07	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/24/26 13:18	01/28/26 21:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/24/26 13:18	01/28/26 21:07	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/24/26 13:18	01/28/26 21:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/24/26 13:18	01/28/26 21:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/24/26 13:18	01/28/26 21:07	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/24/26 13:18	01/28/26 21:07	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/24/26 13:18	01/28/26 21:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/24/26 13:18	01/28/26 21:07	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/24/26 13:18	01/28/26 21:07	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/24/26 13:18	01/28/26 21:07	1
Acenaphthene	**2.62**	**J**	10.0	0.630	ug/L		01/24/26 13:18	01/28/26 21:07	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/24/26 13:18	01/28/26 21:07	1
Acetophenone	ND		10.0	3.20	ug/L		01/24/26 13:18	01/28/26 21:07	1
Anthracene	ND		10.0	0.910	ug/L		01/24/26 13:18	01/28/26 21:07	1
Atrazine	ND		10.0	1.13	ug/L		01/24/26 13:18	01/28/26 21:07	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/24/26 13:18	01/28/26 21:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/24/26 13:18	01/28/26 21:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 21:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 21:07	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/24/26 13:18	01/28/26 21:07	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/24/26 13:18	01/28/26 21:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/24/26 13:18	01/28/26 21:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/24/26 13:18	01/28/26 21:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/24/26 13:18	01/28/26 21:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 21:07	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 21:07	1
Caprolactam	ND		10.0	2.40	ug/L		01/24/26 13:18	01/28/26 21:07	1
Carbazole	ND		10.0	0.320	ug/L		01/24/26 13:18	01/28/26 21:07	1
Chrysene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 21:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/24/26 13:18	01/28/26 21:07	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/24/26 13:18	01/28/26 21:07	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 21:07	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 21:07	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/24/26 13:18	01/28/26 21:07	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:18	01/28/26 21:07	1
Fluoranthene	ND		10.0	0.630	ug/L		01/24/26 13:18	01/28/26 21:07	1
Fluorene	**1.38**	**J**	10.0	0.670	ug/L		01/24/26 13:18	01/28/26 21:07	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/24/26 13:18	01/28/26 21:07	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/24/26 13:18	01/28/26 21:07	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/24/26 13:18	01/28/26 21:07	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/24/26 13:18	01/28/26 21:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 21:07	1
Isophorone	ND		10.0	0.800	ug/L		01/24/26 13:18	01/28/26 21:07	1
Naphthalene	ND		10.0	0.750	ug/L		01/24/26 13:18	01/28/26 21:07	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/24/26 13:18	01/28/26 21:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/24/26 13:18	01/28/26 21:07	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/24/26 13:18	01/28/26 21:07	1

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5

Date Collected: 01/22/26 14:45
Matrix: Water

Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.80	ug/L		01/24/26 13:18	01/28/26 21:07	1
Phenanthrene	ND		10.0	0.740	ug/L		01/24/26 13:18	01/28/26 21:07	1
Phenol	ND		10.0	0.680	ug/L		01/24/26 13:18	01/28/26 21:07	1
Pyrene	ND		10.0	0.630	ug/L		01/24/26 13:18	01/28/26 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 21:07*	*1*
2-Fluorobiphenyl (Surr)	*49*		*25 - 139*	*01/24/26 13:18*	*01/28/26 21:07*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 150*	*01/24/26 13:18*	*01/28/26 21:07*	*1*
Nitrobenzene-d5 (Surr)	*54*		*22 - 150*	*01/24/26 13:18*	*01/28/26 21:07*	*1*
Phenol-d5 (Surr)	*46*		*10 - 150*	*01/24/26 13:18*	*01/28/26 21:07*	*1*
Terphenyl-d14 (Surr)	*32*		*28 - 150*	*01/24/26 13:18*	*01/28/26 21:07*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.31**		1.00	0.767	mg/L			01/28/26 15:10	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		01/28/26 14:22	01/31/26 01:23	1
Arsenic	**3.23**	**J**	5.00	1.32	ug/L		01/28/26 14:22	01/31/26 01:23	1
Barium	**417**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 01:23	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 01:23	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 01:23	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 01:23	1
Cobalt	**2.60**	**J**	5.00	0.411	ug/L		01/28/26 14:22	01/31/26 01:23	1
Copper	ND		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 01:23	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 01:23	1
Manganese	**3550**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 01:23	1
Nickel	**0.782**	**J**	5.00	0.422	ug/L		01/28/26 14:22	01/31/26 01:23	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 01:23	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 01:23	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 01:23	1
Vanadium	ND		5.00	1.22	ug/L		01/28/26 14:22	01/31/26 01:23	1
Zinc	**13.4**		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 01:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.424**		0.0500	0.0200	mg/L			01/30/26 10:56	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 16:28	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0590**	**J**	0.100	0.0100	mg/L			01/31/26 19:00	1
Nitrate as N (SM Nitrate by calc)	**0.0590**	**J**	0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-6
Lab Sample ID: 752-41318-6
Date Collected: 01/22/26 14:15
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 20:29	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 20:29	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 20:29	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 20:29	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 20:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 20:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 20:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 20:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 20:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 20:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 20:29	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 20:29	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 20:29	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 20:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 20:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 20:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 20:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 20:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 20:29	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 20:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 20:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 20:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 20:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 20:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 20:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 20:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 20:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 20:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 20:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 20:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 20:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 20:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 20:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 20:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 20:29	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 20:29	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 20:29	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 20:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 20:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 20:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 20:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 20:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 20:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 20:29	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 20:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 20:29	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 20:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 20:29	1

Client Sample ID: 823-MW-6
Lab Sample ID: 752-41318-6
Date Collected: 01/22/26 14:15
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 20:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 20:29	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 20:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 20:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 20:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 20:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 20:29	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 20:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 20:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 20:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 20:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 20:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 20:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 20:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 20:29	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 20:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 20:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 20:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 20:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 20:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 20:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 20:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*01/28/26 20:29*	*1*
Dibromofluoromethane	*119*		*77 - 121*		*01/28/26 20:29*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 20:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.296	0.296	ug/L		01/26/26 13:29	01/28/26 04:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*40 - 150*	*01/26/26 13:29*	*01/28/26 04:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		01/24/26 13:18	01/28/26 21:37	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		01/24/26 13:18	01/28/26 21:37	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		01/24/26 13:18	01/28/26 21:37	1
2-Chlorophenol	ND		10.2	0.854	ug/L		01/24/26 13:18	01/28/26 21:37	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		01/24/26 13:18	01/28/26 21:37	1
2-Methylphenol	ND		10.2	0.773	ug/L		01/24/26 13:18	01/28/26 21:37	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-6
Lab Sample ID: 752-41318-6
Date Collected: 01/22/26 14:15
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.39	ug/L		01/24/26 13:18	01/28/26 21:37	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/24/26 13:18	01/28/26 21:37	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		01/24/26 13:18	01/28/26 21:37	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		01/24/26 13:18	01/28/26 21:37	1
3-Nitroaniline	ND		10.2	0.966	ug/L		01/24/26 13:18	01/28/26 21:37	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		01/24/26 13:18	01/28/26 21:37	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		01/24/26 13:18	01/28/26 21:37	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		01/24/26 13:18	01/28/26 21:37	1
4-Chloroaniline	ND		10.2	0.590	ug/L		01/24/26 13:18	01/28/26 21:37	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		01/24/26 13:18	01/28/26 21:37	1
4-Nitroaniline	ND		10.2	3.56	ug/L		01/24/26 13:18	01/28/26 21:37	1
4-Nitrophenol	ND		10.2	2.79	ug/L		01/24/26 13:18	01/28/26 21:37	1
Acenaphthene	ND		10.2	0.641	ug/L		01/24/26 13:18	01/28/26 21:37	1
Acenaphthylene	ND		10.2	0.773	ug/L		01/24/26 13:18	01/28/26 21:37	1
Acetophenone	ND		10.2	3.25	ug/L		01/24/26 13:18	01/28/26 21:37	1
Anthracene	ND		10.2	0.925	ug/L		01/24/26 13:18	01/28/26 21:37	1
Atrazine	ND		10.2	1.15	ug/L		01/24/26 13:18	01/28/26 21:37	1
Benzaldehyde	ND		10.2	0.681	ug/L		01/24/26 13:18	01/28/26 21:37	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/24/26 13:18	01/28/26 21:37	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/24/26 13:18	01/28/26 21:37	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/24/26 13:18	01/28/26 21:37	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/24/26 13:18	01/28/26 21:37	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/24/26 13:18	01/28/26 21:37	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		01/24/26 13:18	01/28/26 21:37	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		01/24/26 13:18	01/28/26 21:37	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		01/24/26 13:18	01/28/26 21:37	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 21:37	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 21:37	1
Caprolactam	ND		10.2	2.44	ug/L		01/24/26 13:18	01/28/26 21:37	1
Carbazole	ND		10.2	0.325	ug/L		01/24/26 13:18	01/28/26 21:37	1
Chrysene	ND		10.2	1.22	ug/L		01/24/26 13:18	01/28/26 21:37	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		01/24/26 13:18	01/28/26 21:37	1
Dibenzofuran	ND		10.2	0.651	ug/L		01/24/26 13:18	01/28/26 21:37	1
Diethyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 21:37	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 21:37	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		01/24/26 13:18	01/28/26 21:37	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		01/24/26 13:18	01/28/26 21:37	1
Fluoranthene	ND		10.2	0.641	ug/L		01/24/26 13:18	01/28/26 21:37	1
Fluorene	ND		10.2	0.681	ug/L		01/24/26 13:18	01/28/26 21:37	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		01/24/26 13:18	01/28/26 21:37	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		01/24/26 13:18	01/28/26 21:37	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		01/24/26 13:18	01/28/26 21:37	1
Hexachloroethane	ND		10.2	0.539	ug/L		01/24/26 13:18	01/28/26 21:37	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/24/26 13:18	01/28/26 21:37	1
Isophorone	ND		10.2	0.814	ug/L		01/24/26 13:18	01/28/26 21:37	1
Naphthalene	ND		10.2	0.763	ug/L		01/24/26 13:18	01/28/26 21:37	1
Nitrobenzene	ND		10.2	0.610	ug/L		01/24/26 13:18	01/28/26 21:37	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		01/24/26 13:18	01/28/26 21:37	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		01/24/26 13:18	01/28/26 21:37	1

Client Sample ID: 823-MW-6
Lab Sample ID: 752-41318-6
Date Collected: 01/22/26 14:15
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.85	ug/L		01/24/26 13:18	01/28/26 21:37	1
Phenanthrene	ND		10.2	0.753	ug/L		01/24/26 13:18	01/28/26 21:37	1
Phenol	ND		10.2	0.692	ug/L		01/24/26 13:18	01/28/26 21:37	1
Pyrene	ND		10.2	0.641	ug/L		01/24/26 13:18	01/28/26 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 21:37*	*1*
2-Fluorobiphenyl (Surr)	*49*		*25 - 139*	*01/24/26 13:18*	*01/28/26 21:37*	*1*
2-Fluorophenol (Surr)	*54*		*10 - 150*	*01/24/26 13:18*	*01/28/26 21:37*	*1*
Nitrobenzene-d5 (Surr)	*61*		*22 - 150*	*01/24/26 13:18*	*01/28/26 21:37*	*1*
Phenol-d5 (Surr)	*53*		*10 - 150*	*01/24/26 13:18*	*01/28/26 21:37*	*1*
Terphenyl-d14 (Surr)	*31*		*28 - 150*	*01/24/26 13:18*	*01/28/26 21:37*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/28/26 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/31/26 01:25	1
Arsenic	**5.55**		5.00	1.32	ug/L		01/28/26 14:22	01/31/26 01:25	1
Barium	**739**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 01:25	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 01:25	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 01:25	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 01:25	1
Cobalt	**0.987**	**J**	5.00	0.411	ug/L		01/28/26 14:22	01/31/26 01:25	1
Copper	ND		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 01:25	1
Lead	**0.881**	**J**	1.00	0.864	ug/L		01/28/26 14:22	01/31/26 01:25	1
Manganese	**2510**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 01:25	1
Nickel	**0.668**	**J**	5.00	0.422	ug/L		01/28/26 14:22	01/31/26 01:25	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 01:25	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 01:25	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 01:25	1
Vanadium	**1.22**	**J**	5.00	1.22	ug/L		01/28/26 14:22	01/31/26 01:25	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 01:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 13:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.409**		0.0500	0.0200	mg/L			01/30/26 10:58	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 16:29	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0530**	**J**	0.100	0.0100	mg/L			01/31/26 19:02	1
Nitrate as N (SM Nitrate by calc)	**0.0530**	**J**	0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7
Date Collected: 01/22/26 11:55
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/31/26 05:38	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 05:38	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 05:38	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 05:38	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 05:38	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 05:38	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 05:38	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 05:38	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 05:38	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 05:38	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 05:38	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 05:38	1
Chloroform	**0.294**	**J**	1.00	0.216	ug/L			01/31/26 05:38	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 05:38	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 05:38	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 05:38	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 05:38	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 05:38	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 05:38	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 05:38	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 05:38	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 05:38	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 05:38	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 05:38	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 05:38	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 05:38	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 05:38	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 05:38	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 05:38	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 05:38	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 05:38	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 05:38	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 05:38	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 05:38	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 05:38	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 05:38	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 05:38	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 05:38	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 05:38	1
Isopropyl ether	ND	F1	5.00	2.84	ug/L			01/31/26 05:38	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 05:38	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 05:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 05:38	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 05:38	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 05:38	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 05:38	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 05:38	1
n-Heptane	ND	*1	10.0	3.05	ug/L			01/31/26 05:38	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 05:38	1

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7
Date Collected: 01/22/26 11:55
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 05:38	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 05:38	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 05:38	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 05:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 05:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 05:38	1
Tetrachloroethene	**0.604**	**J**	1.00	0.193	ug/L			01/31/26 05:38	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 05:38	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 05:38	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 05:38	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 05:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 05:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 05:38	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 05:38	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 05:38	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 05:38	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 05:38	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 05:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 05:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 05:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 05:38	1
Vinyl acetate	ND	*1	10.0	2.64	ug/L			01/31/26 05:38	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 05:38	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*01/31/26 05:38*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*01/31/26 05:38*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/31/26 05:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/26/26 13:29	01/28/26 05:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*40 - 150*	*01/26/26 13:29*	*01/28/26 05:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		01/24/26 13:18	01/28/26 22:07	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		01/24/26 13:18	01/28/26 22:07	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		01/24/26 13:18	01/28/26 22:07	1
2-Chlorophenol	ND		10.0	0.843	ug/L		01/24/26 13:18	01/28/26 22:07	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		01/24/26 13:18	01/28/26 22:07	1
2-Methylphenol	ND		10.0	0.763	ug/L		01/24/26 13:18	01/28/26 22:07	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7
Date Collected: 01/22/26 11:55
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/24/26 13:18	01/28/26 22:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/24/26 13:18	01/28/26 22:07	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		01/24/26 13:18	01/28/26 22:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		01/24/26 13:18	01/28/26 22:07	1
3-Nitroaniline	ND		10.0	0.953	ug/L		01/24/26 13:18	01/28/26 22:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		01/24/26 13:18	01/28/26 22:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/24/26 13:18	01/28/26 22:07	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		01/24/26 13:18	01/28/26 22:07	1
4-Chloroaniline	ND		10.0	0.582	ug/L		01/24/26 13:18	01/28/26 22:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		01/24/26 13:18	01/28/26 22:07	1
4-Nitroaniline	ND		10.0	3.51	ug/L		01/24/26 13:18	01/28/26 22:07	1
4-Nitrophenol	ND		10.0	2.75	ug/L		01/24/26 13:18	01/28/26 22:07	1
Acenaphthene	ND		10.0	0.632	ug/L		01/24/26 13:18	01/28/26 22:07	1
Acenaphthylene	ND		10.0	0.763	ug/L		01/24/26 13:18	01/28/26 22:07	1
Acetophenone	ND		10.0	3.21	ug/L		01/24/26 13:18	01/28/26 22:07	1
Anthracene	ND		10.0	0.913	ug/L		01/24/26 13:18	01/28/26 22:07	1
Atrazine	ND		10.0	1.13	ug/L		01/24/26 13:18	01/28/26 22:07	1
Benzaldehyde	ND		10.0	0.672	ug/L		01/24/26 13:18	01/28/26 22:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/24/26 13:18	01/28/26 22:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 22:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 22:07	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		01/24/26 13:18	01/28/26 22:07	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		01/24/26 13:18	01/28/26 22:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		01/24/26 13:18	01/28/26 22:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		01/24/26 13:18	01/28/26 22:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		01/24/26 13:18	01/28/26 22:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 22:07	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 22:07	1
Caprolactam	ND		10.0	2.41	ug/L		01/24/26 13:18	01/28/26 22:07	1
Carbazole	ND		10.0	0.321	ug/L		01/24/26 13:18	01/28/26 22:07	1
Chrysene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 22:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/24/26 13:18	01/28/26 22:07	1
Dibenzofuran	ND		10.0	0.642	ug/L		01/24/26 13:18	01/28/26 22:07	1
Diethyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 22:07	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 22:07	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		01/24/26 13:18	01/28/26 22:07	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 22:07	1
Fluoranthene	ND		10.0	0.632	ug/L		01/24/26 13:18	01/28/26 22:07	1
Fluorene	ND		10.0	0.672	ug/L		01/24/26 13:18	01/28/26 22:07	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		01/24/26 13:18	01/28/26 22:07	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		01/24/26 13:18	01/28/26 22:07	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		01/24/26 13:18	01/28/26 22:07	1
Hexachloroethane	ND		10.0	0.532	ug/L		01/24/26 13:18	01/28/26 22:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 22:07	1
Isophorone	ND		10.0	0.803	ug/L		01/24/26 13:18	01/28/26 22:07	1
Naphthalene	ND		10.0	0.753	ug/L		01/24/26 13:18	01/28/26 22:07	1
Nitrobenzene	ND		10.0	0.602	ug/L		01/24/26 13:18	01/28/26 22:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		01/24/26 13:18	01/28/26 22:07	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		01/24/26 13:18	01/28/26 22:07	1

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7

Date Collected: 01/22/26 11:55
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.81	ug/L		01/24/26 13:18	01/28/26 22:07	1
Phenanthrene	ND		10.0	0.742	ug/L		01/24/26 13:18	01/28/26 22:07	1
Phenol	ND		10.0	0.682	ug/L		01/24/26 13:18	01/28/26 22:07	1
Pyrene	ND		10.0	0.632	ug/L		01/24/26 13:18	01/28/26 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 150*	*01/24/26 13:18*	*01/28/26 22:07*	*1*
2-Fluorobiphenyl (Surr)	*51*		*25 - 139*	*01/24/26 13:18*	*01/28/26 22:07*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 150*	*01/24/26 13:18*	*01/28/26 22:07*	*1*
Nitrobenzene-d5 (Surr)	*58*		*22 - 150*	*01/24/26 13:18*	*01/28/26 22:07*	*1*
Phenol-d5 (Surr)	*50*		*10 - 150*	*01/24/26 13:18*	*01/28/26 22:07*	*1*
Terphenyl-d14 (Surr)	*35*		*28 - 150*	*01/24/26 13:18*	*01/28/26 22:07*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.73**		1.00	0.767	mg/L			01/28/26 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/31/26 01:28	1
Arsenic	ND		5.00	1.32	ug/L		01/28/26 14:22	01/31/26 01:28	1
Barium	**425**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 01:28	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 01:28	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 01:28	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 01:28	1
Cobalt	**0.536**	**J**	5.00	0.411	ug/L		01/28/26 14:22	01/31/26 01:28	1
Copper	**0.830**	**J**	2.00	0.642	ug/L		01/28/26 14:22	01/31/26 01:28	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 01:28	1
Manganese	**88.7**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 01:28	1
Nickel	**1.64**	**J**	5.00	0.422	ug/L		01/28/26 14:22	01/31/26 01:28	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 01:28	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 01:28	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 01:28	1
Vanadium	**2.68**	**J**	5.00	1.22	ug/L		01/28/26 14:22	01/31/26 01:28	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 01:28	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		02/03/26 08:55	02/03/26 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 11:00	1
Nitrite as N (EPA 353.2)	**0.459**		0.100	0.0168	mg/L			01/23/26 16:30	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**17.0**		2.00	0.200	mg/L			01/31/26 19:08	20
Nitrate as N (SM Nitrate by calc)	**16.5**		0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-8
Lab Sample ID: 752-41318-8
Date Collected: 01/22/26 13:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/31/26 04:48	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 04:48	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 04:48	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 04:48	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 04:48	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 04:48	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 04:48	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 04:48	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 04:48	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 04:48	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 04:48	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 04:48	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 04:48	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 04:48	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 04:48	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 04:48	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 04:48	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 04:48	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 04:48	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 04:48	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 04:48	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 04:48	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 04:48	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 04:48	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 04:48	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 04:48	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 04:48	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 04:48	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 04:48	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 04:48	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 04:48	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 04:48	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 04:48	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 04:48	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 04:48	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 04:48	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 04:48	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 04:48	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 04:48	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 04:48	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 04:48	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 04:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 04:48	1
Methyl tert-butyl ether	**11.7**		1.00	0.175	ug/L			01/31/26 04:48	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 04:48	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 04:48	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 04:48	1
n-Heptane	ND	*1	10.0	3.05	ug/L			01/31/26 04:48	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 04:48	1

Client Sample ID: 823-MW-8
Lab Sample ID: 752-41318-8
Date Collected: 01/22/26 13:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 04:48	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 04:48	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 04:48	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 04:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 04:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 04:48	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 04:48	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 04:48	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 04:48	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 04:48	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 04:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 04:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 04:48	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 04:48	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 04:48	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 04:48	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 04:48	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 04:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 04:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 04:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 04:48	1
Vinyl acetate	ND	*1	10.0	2.64	ug/L			01/31/26 04:48	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 04:48	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/31/26 04:48*	*1*
Dibromofluoromethane	*102*		*77 - 121*		*01/31/26 04:48*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/31/26 04:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/26/26 13:29	01/28/26 05:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*55*		*40 - 150*	*01/26/26 13:29*	*01/28/26 05:36*	*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		01/24/26 13:18	01/28/26 22:37	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		01/24/26 13:18	01/28/26 22:37	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		01/24/26 13:18	01/28/26 22:37	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		01/24/26 13:18	01/28/26 22:37	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		01/24/26 13:18	01/28/26 22:37	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		01/24/26 13:18	01/28/26 22:37	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		01/24/26 13:18	01/28/26 22:37	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		01/24/26 13:18	01/28/26 22:37	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		01/24/26 13:18	01/28/26 22:37	1
2-Chlorophenol	ND		10.2	0.860	ug/L		01/24/26 13:18	01/28/26 22:37	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		01/24/26 13:18	01/28/26 22:37	1
2-Methylphenol	ND		10.2	0.778	ug/L		01/24/26 13:18	01/28/26 22:37	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-8
Lab Sample ID: 752-41318-8
Date Collected: 01/22/26 13:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		01/24/26 13:18	01/28/26 22:37	1
2-Nitrophenol	ND		10.2	1.20	ug/L		01/24/26 13:18	01/28/26 22:37	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		01/24/26 13:18	01/28/26 22:37	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		01/24/26 13:18	01/28/26 22:37	1
3-Nitroaniline	ND		10.2	0.973	ug/L		01/24/26 13:18	01/28/26 22:37	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		01/24/26 13:18	01/28/26 22:37	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		01/24/26 13:18	01/28/26 22:37	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		01/24/26 13:18	01/28/26 22:37	1
4-Chloroaniline	ND		10.2	0.594	ug/L		01/24/26 13:18	01/28/26 22:37	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		01/24/26 13:18	01/28/26 22:37	1
4-Nitroaniline	ND		10.2	3.58	ug/L		01/24/26 13:18	01/28/26 22:37	1
4-Nitrophenol	ND		10.2	2.81	ug/L		01/24/26 13:18	01/28/26 22:37	1
Acenaphthene	ND		10.2	0.645	ug/L		01/24/26 13:18	01/28/26 22:37	1
Acenaphthylene	ND		10.2	0.778	ug/L		01/24/26 13:18	01/28/26 22:37	1
Acetophenone	ND		10.2	3.28	ug/L		01/24/26 13:18	01/28/26 22:37	1
Anthracene	ND		10.2	0.932	ug/L		01/24/26 13:18	01/28/26 22:37	1
Atrazine	ND		10.2	1.16	ug/L		01/24/26 13:18	01/28/26 22:37	1
Benzaldehyde	ND		10.2	0.686	ug/L		01/24/26 13:18	01/28/26 22:37	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/24/26 13:18	01/28/26 22:37	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		01/24/26 13:18	01/28/26 22:37	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		01/24/26 13:18	01/28/26 22:37	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		01/24/26 13:18	01/28/26 22:37	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		01/24/26 13:18	01/28/26 22:37	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		01/24/26 13:18	01/28/26 22:37	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		01/24/26 13:18	01/28/26 22:37	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		01/24/26 13:18	01/28/26 22:37	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		01/24/26 13:18	01/28/26 22:37	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		01/24/26 13:18	01/28/26 22:37	1
Caprolactam	ND		10.2	2.46	ug/L		01/24/26 13:18	01/28/26 22:37	1
Carbazole	ND		10.2	0.328	ug/L		01/24/26 13:18	01/28/26 22:37	1
Chrysene	ND		10.2	1.23	ug/L		01/24/26 13:18	01/28/26 22:37	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		01/24/26 13:18	01/28/26 22:37	1
Dibenzofuran	ND		10.2	0.655	ug/L		01/24/26 13:18	01/28/26 22:37	1
Diethyl phthalate	ND		10.2	4.10	ug/L		01/24/26 13:18	01/28/26 22:37	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		01/24/26 13:18	01/28/26 22:37	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		01/24/26 13:18	01/28/26 22:37	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		01/24/26 13:18	01/28/26 22:37	1
Fluoranthene	ND		10.2	0.645	ug/L		01/24/26 13:18	01/28/26 22:37	1
Fluorene	ND		10.2	0.686	ug/L		01/24/26 13:18	01/28/26 22:37	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		01/24/26 13:18	01/28/26 22:37	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		01/24/26 13:18	01/28/26 22:37	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		01/24/26 13:18	01/28/26 22:37	1
Hexachloroethane	ND		10.2	0.543	ug/L		01/24/26 13:18	01/28/26 22:37	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		01/24/26 13:18	01/28/26 22:37	1
Isophorone	ND		10.2	0.819	ug/L		01/24/26 13:18	01/28/26 22:37	1
Naphthalene	ND		10.2	0.768	ug/L		01/24/26 13:18	01/28/26 22:37	1
Nitrobenzene	ND		10.2	0.614	ug/L		01/24/26 13:18	01/28/26 22:37	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		01/24/26 13:18	01/28/26 22:37	1
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		01/24/26 13:18	01/28/26 22:37	1

Client Sample ID: 823-MW-8
Lab Sample ID: 752-41318-8

Date Collected: 01/22/26 13:00
Matrix: Water

Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.87	ug/L		01/24/26 13:18	01/28/26 22:37	1
Phenanthrene	ND		10.2	0.758	ug/L		01/24/26 13:18	01/28/26 22:37	1
Phenol	**5.27**	**J I**	10.2	0.696	ug/L		01/24/26 13:18	01/28/26 22:37	1
Pyrene	ND		10.2	0.645	ug/L		01/24/26 13:18	01/28/26 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 150*	*01/24/26 13:18*	*01/28/26 22:37*	*1*
2-Fluorobiphenyl (Surr)	*47*		*25 - 139*	*01/24/26 13:18*	*01/28/26 22:37*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 150*	*01/24/26 13:18*	*01/28/26 22:37*	*1*
Nitrobenzene-d5 (Surr)	*53*		*22 - 150*	*01/24/26 13:18*	*01/28/26 22:37*	*1*
Phenol-d5 (Surr)	*49*		*10 - 150*	*01/24/26 13:18*	*01/28/26 22:37*	*1*
Terphenyl-d14 (Surr)	*36*		*28 - 150*	*01/24/26 13:18*	*01/28/26 22:37*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**5.91**		1.00	0.767	mg/L			01/28/26 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/31/26 01:31	1
Arsenic	**2.17**	**J**	5.00	1.32	ug/L		01/28/26 14:22	01/31/26 01:31	1
Barium	**883**		10.0	0.410	ug/L		01/28/26 14:22	01/31/26 01:31	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/31/26 01:31	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/31/26 01:31	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/31/26 01:31	1
Cobalt	ND		5.00	0.411	ug/L		01/28/26 14:22	01/31/26 01:31	1
Copper	ND		2.00	0.642	ug/L		01/28/26 14:22	01/31/26 01:31	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/31/26 01:31	1
Manganese	**1590**		5.00	1.29	ug/L		01/28/26 14:22	01/31/26 01:31	1
Nickel	ND		5.00	0.422	ug/L		01/28/26 14:22	01/31/26 01:31	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/31/26 01:31	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/31/26 01:31	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/31/26 01:31	1
Vanadium	ND		5.00	1.22	ug/L		01/28/26 14:22	01/31/26 01:31	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/31/26 01:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 11:01	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 16:31	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			01/31/26 19:11	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/01/26 00:24	1
Benzene	ND		1.00	0.200	ug/L			02/01/26 00:24	1
Bromobenzene	ND		1.00	0.222	ug/L			02/01/26 00:24	1
Bromoform	ND		1.00	0.458	ug/L			02/01/26 00:24	1
Bromomethane	ND		1.00	0.470	ug/L			02/01/26 00:24	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/01/26 00:24	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/01/26 00:24	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/01/26 00:24	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/01/26 00:24	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/01/26 00:24	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/01/26 00:24	1
Chloroethane	ND		1.00	0.374	ug/L			02/01/26 00:24	1
Chloroform	ND		1.00	0.216	ug/L			02/01/26 00:24	1
Chloromethane	ND		1.00	0.371	ug/L			02/01/26 00:24	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/01/26 00:24	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/01/26 00:24	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/01/26 00:24	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/01/26 00:24	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/01/26 00:24	1
Dibromomethane	ND		1.00	0.318	ug/L			02/01/26 00:24	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/01/26 00:24	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/01/26 00:24	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/01/26 00:24	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/01/26 00:24	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/01/26 00:24	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/01/26 00:24	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/01/26 00:24	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/01/26 00:24	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/01/26 00:24	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/01/26 00:24	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/01/26 00:24	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/01/26 00:24	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/01/26 00:24	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/01/26 00:24	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/01/26 00:24	1
Hexane	ND		10.0	3.63	ug/L			02/01/26 00:24	1
2-Hexanone	ND		10.0	3.47	ug/L			02/01/26 00:24	1
Iodomethane	ND		2.00	0.403	ug/L			02/01/26 00:24	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/01/26 00:24	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/01/26 00:24	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/01/26 00:24	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/01/26 00:24	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/01/26 00:24	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/01/26 00:24	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/01/26 00:24	1
Naphthalene	ND		2.00	1.56	ug/L			02/01/26 00:24	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/01/26 00:24	1
n-Heptane	ND		10.0	3.05	ug/L			02/01/26 00:24	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/01/26 00:24	1

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/01/26 00:24	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/01/26 00:24	1
Styrene	ND		1.00	0.194	ug/L			02/01/26 00:24	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/01/26 00:24	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/01/26 00:24	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/01/26 00:24	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/01/26 00:24	1
Toluene	ND		1.00	0.197	ug/L			02/01/26 00:24	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/01/26 00:24	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/01/26 00:24	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/01/26 00:24	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/01/26 00:24	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/01/26 00:24	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/01/26 00:24	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/01/26 00:24	1
Trichloroethene	ND		1.00	0.211	ug/L			02/01/26 00:24	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/01/26 00:24	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/01/26 00:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/01/26 00:24	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/01/26 00:24	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/01/26 00:24	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/01/26 00:24	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/01/26 00:24	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/01/26 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*02/01/26 00:24*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/01/26 00:24*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/01/26 00:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		01/26/26 13:29	01/28/26 06:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*56*		*40 - 150*	*01/26/26 13:29*	*01/28/26 06:05*	*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		10.0	0.421	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		01/24/26 13:18	01/28/26 23:07	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		01/24/26 13:18	01/28/26 23:07	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		01/24/26 13:18	01/28/26 23:07	1
2-Chlorophenol	ND		10.0	0.843	ug/L		01/24/26 13:18	01/28/26 23:07	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		01/24/26 13:18	01/28/26 23:07	1
2-Methylphenol	ND		10.0	0.763	ug/L		01/24/26 13:18	01/28/26 23:07	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/24/26 13:18	01/28/26 23:07	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/24/26 13:18	01/28/26 23:07	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		01/24/26 13:18	01/28/26 23:07	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		01/24/26 13:18	01/28/26 23:07	1
3-Nitroaniline	ND		10.0	0.953	ug/L		01/24/26 13:18	01/28/26 23:07	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		01/24/26 13:18	01/28/26 23:07	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/24/26 13:18	01/28/26 23:07	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		01/24/26 13:18	01/28/26 23:07	1
4-Chloroaniline	ND		10.0	0.582	ug/L		01/24/26 13:18	01/28/26 23:07	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		01/24/26 13:18	01/28/26 23:07	1
4-Nitroaniline	ND		10.0	3.51	ug/L		01/24/26 13:18	01/28/26 23:07	1
4-Nitrophenol	ND		10.0	2.75	ug/L		01/24/26 13:18	01/28/26 23:07	1
Acenaphthene	ND		10.0	0.632	ug/L		01/24/26 13:18	01/28/26 23:07	1
Acenaphthylene	ND		10.0	0.763	ug/L		01/24/26 13:18	01/28/26 23:07	1
Acetophenone	ND		10.0	3.21	ug/L		01/24/26 13:18	01/28/26 23:07	1
Anthracene	ND		10.0	0.913	ug/L		01/24/26 13:18	01/28/26 23:07	1
Atrazine	ND		10.0	1.13	ug/L		01/24/26 13:18	01/28/26 23:07	1
Benzaldehyde	ND		10.0	0.672	ug/L		01/24/26 13:18	01/28/26 23:07	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/24/26 13:18	01/28/26 23:07	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 23:07	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 23:07	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		01/24/26 13:18	01/28/26 23:07	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		01/24/26 13:18	01/28/26 23:07	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		01/24/26 13:18	01/28/26 23:07	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		01/24/26 13:18	01/28/26 23:07	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		01/24/26 13:18	01/28/26 23:07	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 23:07	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 23:07	1
Caprolactam	ND		10.0	2.41	ug/L		01/24/26 13:18	01/28/26 23:07	1
Carbazole	ND		10.0	0.321	ug/L		01/24/26 13:18	01/28/26 23:07	1
Chrysene	ND		10.0	1.20	ug/L		01/24/26 13:18	01/28/26 23:07	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/24/26 13:18	01/28/26 23:07	1
Dibenzofuran	ND		10.0	0.642	ug/L		01/24/26 13:18	01/28/26 23:07	1
Diethyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 23:07	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 23:07	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		01/24/26 13:18	01/28/26 23:07	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		01/24/26 13:18	01/28/26 23:07	1
Fluoranthene	ND		10.0	0.632	ug/L		01/24/26 13:18	01/28/26 23:07	1
Fluorene	ND		10.0	0.672	ug/L		01/24/26 13:18	01/28/26 23:07	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		01/24/26 13:18	01/28/26 23:07	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		01/24/26 13:18	01/28/26 23:07	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		01/24/26 13:18	01/28/26 23:07	1
Hexachloroethane	ND		10.0	0.532	ug/L		01/24/26 13:18	01/28/26 23:07	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:18	01/28/26 23:07	1
Isophorone	ND		10.0	0.803	ug/L		01/24/26 13:18	01/28/26 23:07	1
Naphthalene	ND		10.0	0.753	ug/L		01/24/26 13:18	01/28/26 23:07	1
Nitrobenzene	ND		10.0	0.602	ug/L		01/24/26 13:18	01/28/26 23:07	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		01/24/26 13:18	01/28/26 23:07	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		01/24/26 13:18	01/28/26 23:07	1

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.81	ug/L		01/24/26 13:18	01/28/26 23:07	1
Phenanthrene	ND		10.0	0.742	ug/L		01/24/26 13:18	01/28/26 23:07	1
Phenol	ND		10.0	0.682	ug/L		01/24/26 13:18	01/28/26 23:07	1
Pyrene	ND		10.0	0.632	ug/L		01/24/26 13:18	01/28/26 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*47*		*10 - 150*	*01/24/26 13:18*	*01/28/26 23:07*	*1*
2-Fluorobiphenyl (Surr)	*49*		*25 - 139*	*01/24/26 13:18*	*01/28/26 23:07*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 150*	*01/24/26 13:18*	*01/28/26 23:07*	*1*
Nitrobenzene-d5 (Surr)	*52*		*22 - 150*	*01/24/26 13:18*	*01/28/26 23:07*	*1*
Phenol-d5 (Surr)	*47*		*10 - 150*	*01/24/26 13:18*	*01/28/26 23:07*	*1*
Terphenyl-d14 (Surr)	*38*		*28 - 150*	*01/24/26 13:18*	*01/28/26 23:07*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1.62**		1.00	0.767	mg/L			01/28/26 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 07:45	01/31/26 03:46	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 07:45	01/31/26 03:46	1
Barium	**141**		10.0	0.410	ug/L		01/29/26 07:45	01/31/26 03:46	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 07:45	01/31/26 03:46	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 07:45	01/31/26 03:46	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 07:45	01/31/26 03:46	1
Cobalt	ND		5.00	0.411	ug/L		01/29/26 07:45	01/31/26 03:46	1
Copper	ND		2.00	0.642	ug/L		01/29/26 07:45	01/31/26 03:46	1
Lead	ND		1.00	0.864	ug/L		01/29/26 07:45	01/31/26 03:46	1
Manganese	**5.63**		5.00	1.29	ug/L		01/29/26 07:45	01/31/26 03:46	1
Nickel	ND		5.00	0.422	ug/L		01/29/26 07:45	01/31/26 03:46	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 07:45	02/01/26 13:50	1
Silver	ND		1.00	0.167	ug/L		01/29/26 07:45	01/31/26 03:46	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 07:45	01/31/26 03:46	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 07:45	01/31/26 03:46	1
Zinc	ND		10.0	8.91	ug/L		01/29/26 07:45	01/31/26 03:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 11:03	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/23/26 16:32	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			01/31/26 19:13	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			02/02/26 13:56	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41318-10
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/31/26 18:09	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 18:09	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 18:09	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 18:09	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 18:09	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 18:09	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 18:09	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 18:09	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 18:09	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 18:09	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 18:09	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 18:09	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 18:09	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 18:09	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 18:09	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 18:09	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 18:09	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 18:09	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 18:09	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 18:09	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 18:09	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 18:09	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 18:09	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 18:09	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 18:09	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 18:09	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 18:09	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 18:09	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 18:09	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 18:09	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 18:09	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 18:09	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 18:09	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 18:09	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 18:09	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 18:09	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 18:09	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 18:09	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 18:09	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 18:09	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 18:09	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 18:09	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 18:09	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 18:09	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 18:09	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 18:09	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 18:09	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 18:09	1

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41318-10
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 18:09	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 18:09	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 18:09	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 18:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 18:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 18:09	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 18:09	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 18:09	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 18:09	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 18:09	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 18:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 18:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 18:09	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 18:09	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 18:09	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 18:09	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 18:09	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 18:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 18:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 18:09	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 18:09	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 18:09	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*01/31/26 18:09*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*01/31/26 18:09*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/31/26 18:09*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41318-1
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)
752-41318-1	823-MW-1	109	124 S1+	97
752-41318-2	823-MW-2	105	120	98
752-41318-3	823-MW-3	108	121	97
752-41318-4	823-MW-4	109	121	98
752-41318-5	823-MW-5	106	120	97
752-41318-6	823-MW-6	106	119	97
752-41318-7	823-MW-7	94	101	97
752-41318-7 MS	823-MW-7	102	95	95
752-41318-8	823-MW-8	95	102	97
752-41318-8 DU	823-MW-8	95	101	98
752-41318-9	823-MW-Dup	94	104	98
752-41318-10	Trip Blank	94	103	98
LCS 705-110454/1003	Lab Control Sample	104	112	98
LCS 705-110454/1004	Lab Control Sample	108	118	98
LCS 705-111210/1001	Lab Control Sample	106	91	95
LCS 705-111244/1001	Lab Control Sample	91	95	93
LCS 705-111244/1002	Lab Control Sample	108	93	97
LCSD 705-111210/2	Lab Control Sample Dup	106	92	96
MB 705-110454/8	Method Blank	106	118	97
MB 705-111210/7	Method Blank	97	98	95
MB 705-111244/7	Method Blank	93	103	98

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)
752-41318-1	823-MW-1	52	49	50	51	47	41
752-41318-2	823-MW-2	57	48	57	54	54	32
752-41318-3	823-MW-3	50	48	50	52	45	34
752-41318-4	823-MW-4	51	51	50	54	43	36
752-41318-5	823-MW-5	50	49	49	54	46	32
752-41318-6	823-MW-6	50	49	54	61	53	31
752-41318-7	823-MW-7	44	51	52	58	50	35
752-41318-8	823-MW-8	51	47	52	53	49	36
752-41318-9	823-MW-Dup	47	49	49	52	47	38
LCS 400-737344/2-A	Lab Control Sample	53	47	50	50	57	42
LCSD 400-737344/3-A	Lab Control Sample Dup	54	48	52	54	61	41
MB 400-737344/1-A	Method Blank	53	48	45	53	45	41

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(40-150)						
752-41318-1	823-MW-1	54						
752-41318-2	823-MW-2	54						
752-41318-3	823-MW-3	57						
752-41318-4	823-MW-4	51						
752-41318-5	823-MW-5	42						
752-41318-6	823-MW-6	49						
752-41318-7	823-MW-7	54						
752-41318-8	823-MW-8	55						
752-41318-9	823-MW-Dup	56						
MB 400-737416/1-A	Method Blank	49						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(30-150)						
LCS 400-737416/2-A	Lab Control Sample	57						
LCSD 400-737416/3-A	Lab Control Sample Dup	51						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-110454/8
Matrix: Water
Analysis Batch: 110454

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/28/26 12:33	1
Benzene	ND		1.00	0.200	ug/L			01/28/26 12:33	1
Bromobenzene	ND		1.00	0.222	ug/L			01/28/26 12:33	1
Bromoform	ND		1.00	0.458	ug/L			01/28/26 12:33	1
Bromomethane	ND		1.00	0.470	ug/L			01/28/26 12:33	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/28/26 12:33	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/28/26 12:33	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/28/26 12:33	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/28/26 12:33	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/28/26 12:33	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/28/26 12:33	1
Chloroethane	ND		1.00	0.374	ug/L			01/28/26 12:33	1
Chloroform	ND		1.00	0.216	ug/L			01/28/26 12:33	1
Chloromethane	ND		1.00	0.371	ug/L			01/28/26 12:33	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/28/26 12:33	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/28/26 12:33	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/28/26 12:33	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/28/26 12:33	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/28/26 12:33	1
Dibromomethane	ND		1.00	0.318	ug/L			01/28/26 12:33	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 12:33	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/28/26 12:33	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/28/26 12:33	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/28/26 12:33	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/28/26 12:33	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/28/26 12:33	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/28/26 12:33	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/28/26 12:33	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/28/26 12:33	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/28/26 12:33	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/28/26 12:33	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/28/26 12:33	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/28/26 12:33	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/28/26 12:33	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/28/26 12:33	1
Hexane	ND		10.0	3.63	ug/L			01/28/26 12:33	1
2-Hexanone	ND		10.0	3.47	ug/L			01/28/26 12:33	1
Iodomethane	ND		2.00	0.403	ug/L			01/28/26 12:33	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/28/26 12:33	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/28/26 12:33	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/28/26 12:33	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/28/26 12:33	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/28/26 12:33	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/28/26 12:33	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/28/26 12:33	1
Naphthalene	ND		2.00	1.56	ug/L			01/28/26 12:33	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/28/26 12:33	1
n-Heptane	ND		10.0	3.05	ug/L			01/28/26 12:33	1

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

Lab Sample ID: MB 705-110454/8
Matrix: Water
Analysis Batch: 110454

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.239	ug/L			01/28/26 12:33	1
o-Xylene	ND		1.00	0.270	ug/L			01/28/26 12:33	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/28/26 12:33	1
Styrene	ND		1.00	0.194	ug/L			01/28/26 12:33	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/28/26 12:33	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/28/26 12:33	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/28/26 12:33	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/28/26 12:33	1
Toluene	ND		1.00	0.197	ug/L			01/28/26 12:33	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/28/26 12:33	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/28/26 12:33	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/28/26 12:33	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/28/26 12:33	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/28/26 12:33	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/28/26 12:33	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/28/26 12:33	1
Trichloroethene	ND		1.00	0.211	ug/L			01/28/26 12:33	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/28/26 12:33	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/28/26 12:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/28/26 12:33	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/28/26 12:33	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/28/26 12:33	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/28/26 12:33	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/28/26 12:33	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/28/26 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 126*		*01/28/26 12:33*	*1*
Dibromofluoromethane	*118*		*77 - 121*		*01/28/26 12:33*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/28/26 12:33*	*1*

Lab Sample ID: LCS 705-110454/1003
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	18.79		ug/L		94	62 - 136
Benzene	10.0	10.25		ug/L		102	76 - 122
Bromobenzene	10.0	9.982		ug/L		100	77 - 125
Bromoform	10.0	10.69		ug/L		107	65 - 129
Bromomethane	10.0	6.276		ug/L		63	60 - 138
2-Butanone (MEK)	20.0	18.04		ug/L		90	74 - 131
Carbon disulfide	10.0	10.75		ug/L		107	71 - 122
Carbon tetrachloride	10.0	12.78		ug/L		128	72 - 131
Chlorobenzene	10.0	10.55		ug/L		106	75 - 121
Chlorobromomethane	10.0	10.65		ug/L		107	77 - 120
Chlorodibromomethane	10.0	10.64		ug/L		106	70 - 131
Chloroethane	10.0	7.825		ug/L		78	55 - 138

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

Lab Sample ID: LCS 705-110454/1003
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	10.0	10.68		ug/L		107	73 - 121
Chloromethane	10.0	12.43		ug/L		124	57 - 129
2-Chlorotoluene	10.0	10.20		ug/L		102	75 - 123
4-Chlorotoluene	10.0	10.29		ug/L		103	76 - 124
cis-1,2-Dichloroethene	10.0	10.62		ug/L		106	76 - 121
cis-1,3-Dichloropropene	10.0	9.979		ug/L		100	70 - 129
1,2-Dibromo-3-Chloropropane	10.0	9.850		ug/L		99	64 - 125
Dibromomethane	10.0	10.62		ug/L		106	70 - 130
1,2-Dichlorobenzene	10.0	10.03		ug/L		100	69 - 127
1,3-Dichlorobenzene	10.0	10.60		ug/L		106	68 - 128
1,4-Dichlorobenzene	10.0	9.828		ug/L		98	68 - 126
Dichlorobromomethane	10.0	11.04		ug/L		110	70 - 124
1,1-Dichloroethane	10.0	11.06		ug/L		111	65 - 126
1,2-Dichloroethane	10.0	11.13		ug/L		111	72 - 127
1,1-Dichloroethene	10.0	9.899		ug/L		99	69 - 130
1,2-Dichloropropane	10.0	10.84		ug/L		108	71 - 121
1,3-Dichloropropane	10.0	9.962		ug/L		100	76 - 125
2,2-Dichloropropane	10.0	12.01		ug/L		120	71 - 131
1,1-Dichloropropene	10.0	11.30		ug/L		113	74 - 129
Ethylbenzene	10.0	10.85		ug/L		108	75 - 127
Ethylene Dibromide	10.0	10.20		ug/L		102	68 - 133
Hexachlorobutadiene	10.0	9.446		ug/L		94	65 - 137
Hexane	10.0	12.01		ug/L		120	25 - 150
2-Hexanone	20.0	19.98		ug/L		100	70 - 130
Iodomethane	10.0	9.544		ug/L		95	50 - 150
Isopropylbenzene	10.0	10.25		ug/L		103	76 - 125
4-Isopropyltoluene	10.0	10.65		ug/L		107	78 - 126
Methylene Chloride	10.0	10.66		ug/L		107	68 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.47		ug/L		97	76 - 122
Methyl tert-butyl ether	10.0	9.508		ug/L		95	76 - 123
m-Xylene & p-Xylene	10.0	11.41		ug/L		114	76 - 128
Naphthalene	10.0	8.261		ug/L		83	67 - 129
n-Butylbenzene	10.0	10.03		ug/L		100	71 - 131
n-Heptane	10.0	11.51		ug/L		115	25 - 150
N-Propylbenzene	10.0	10.20		ug/L		102	75 - 127
o-Xylene	10.0	11.07		ug/L		111	78 - 124
sec-Butylbenzene	10.0	9.978		ug/L		100	74 - 127
Styrene	10.0	11.05		ug/L		110	71 - 129
tert-Butylbenzene	10.0	10.43		ug/L		104	72 - 127
1,1,1,2-Tetrachloroethane	10.0	10.85		ug/L		108	76 - 130
1,1,2,2-Tetrachloroethane	10.0	8.800		ug/L		88	73 - 127
Tetrachloroethene	10.0	11.93		ug/L		119	74 - 129
Toluene	10.0	10.42		ug/L		104	74 - 124
trans-1,4-Dichloro-2-butene	10.0	7.255	J	ug/L		73	50 - 150
trans-1,2-Dichloroethene	10.0	10.99		ug/L		110	74 - 124
trans-1,3-Dichloropropene	10.0	9.453		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	10.0	8.400		ug/L		84	65 - 130
1,2,4-Trichlorobenzene	10.0	8.996		ug/L		90	65 - 131
1,1,1-Trichloroethane	10.0	11.54		ug/L		115	71 - 124

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

Lab Sample ID: LCS 705-110454/1003
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	10.0	9.521		ug/L		95	69 - 127
Trichloroethene	10.0	10.82		ug/L		108	72 - 129
Trichlorofluoromethane	10.0	9.824		ug/L		98	63 - 142
1,2,3-Trichloropropane	10.0	8.955		ug/L		90	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.03		ug/L		120	74 - 122
1,2,4-Trimethylbenzene	10.0	10.69		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	10.0	10.64		ug/L		106	79 - 124
Vinyl acetate	20.0	17.61		ug/L		88	50 - 150
Vinyl chloride	10.0	9.714		ug/L		97	65 - 132
Xylenes, Total	20.0	22.48		ug/L		112	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*
Dibromofluoromethane	*112*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: LCS 705-110454/1004
Matrix: Water
Analysis Batch: 110454

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	20.0	18.53		ug/L		93	25 - 150
Isopropyl ether	10.0	11.02		ug/L		110	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 126*
Dibromofluoromethane	*118*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-111210/7
Matrix: Water
Analysis Batch: 111210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/31/26 04:23	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 04:23	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 04:23	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 04:23	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 04:23	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 04:23	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 04:23	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 04:23	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 04:23	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 04:23	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 04:23	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 04:23	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 04:23	1

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

Lab Sample ID: MB 705-111210/7
Matrix: Water
Analysis Batch: 111210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 04:23	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 04:23	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 04:23	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 04:23	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 04:23	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 04:23	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 04:23	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 04:23	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 04:23	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 04:23	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 04:23	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 04:23	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 04:23	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 04:23	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 04:23	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 04:23	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 04:23	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 04:23	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 04:23	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 04:23	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 04:23	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 04:23	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 04:23	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 04:23	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 04:23	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 04:23	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 04:23	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 04:23	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 04:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 04:23	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 04:23	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 04:23	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 04:23	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 04:23	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 04:23	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 04:23	1
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 04:23	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 04:23	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 04:23	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 04:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 04:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 04:23	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 04:23	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 04:23	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 04:23	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 04:23	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 04:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 04:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 04:23	1

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

Lab Sample ID: MB 705-111210/7
Matrix: Water
Analysis Batch: 111210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 04:23	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 04:23	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 04:23	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 04:23	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 04:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 04:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 04:23	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 04:23	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 04:23	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 04:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*01/31/26 04:23*	*1*
Dibromofluoromethane	*98*		*77 - 121*		*01/31/26 04:23*	*1*
Toluene-d8 (Surr)	*95*		*79 - 119*		*01/31/26 04:23*	*1*

Lab Sample ID: LCS 705-111210/1001
Matrix: Water
Analysis Batch: 111210

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	32.63		ug/L		82	62 - 136
Benzene	20.0	18.40		ug/L		92	76 - 122
Bromobenzene	20.0	17.22		ug/L		86	77 - 125
Bromoform	20.0	18.89		ug/L		94	65 - 129
Bromomethane	20.0	13.14		ug/L		66	60 - 138
2-Butanone (MEK)	40.0	35.72		ug/L		89	74 - 131
Carbon disulfide	20.0	17.58		ug/L		88	71 - 122
Carbon tetrachloride	20.0	19.04		ug/L		95	72 - 131
Chlorobenzene	20.0	18.81		ug/L		94	75 - 121
Chlorobromomethane	20.0	17.28		ug/L		86	77 - 120
Chlorodibromomethane	20.0	18.85		ug/L		94	70 - 131
Chloroethane	20.0	22.06		ug/L		110	55 - 138
Chloroform	20.0	17.45		ug/L		87	73 - 121
Chloromethane	20.0	20.45		ug/L		102	57 - 129
2-Chlorotoluene	20.0	18.41		ug/L		92	75 - 123
4-Chlorotoluene	20.0	18.97		ug/L		95	76 - 124
cis-1,2-Dichloroethene	20.0	17.43		ug/L		87	76 - 121
cis-1,3-Dichloropropene	20.0	17.73		ug/L		89	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	15.56		ug/L		78	64 - 125
Dibromomethane	20.0	15.87		ug/L		79	70 - 130
1,2-Dichlorobenzene	20.0	17.71		ug/L		89	69 - 127
1,3-Dichlorobenzene	20.0	18.25		ug/L		91	68 - 128
1,4-Dichlorobenzene	20.0	17.32		ug/L		87	68 - 126
Dichlorobromomethane	20.0	18.18		ug/L		91	70 - 124
1,1-Dichloroethane	20.0	17.42		ug/L		87	65 - 126
1,2-Dichloroethane	20.0	17.09		ug/L		85	72 - 127

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

Lab Sample ID: LCS 705-111210/1001
Matrix: Water
Analysis Batch: 111210

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	15.44		ug/L		77	69 - 130
1,2-Dichloropropane	20.0	18.36		ug/L		92	71 - 121
1,3-Dichloropropane	20.0	18.18		ug/L		91	76 - 125
2,2-Dichloropropane	20.0	17.96		ug/L		90	71 - 131
1,1-Dichloropropene	20.0	20.00		ug/L		100	74 - 129
Ethylbenzene	20.0	18.79		ug/L		94	75 - 127
Ethylene Dibromide	20.0	19.18		ug/L		96	68 - 133
Hexachlorobutadiene	20.0	17.75		ug/L		89	65 - 137
Hexane	20.0	20.00		ug/L		100	25 - 150
2-Hexanone	40.0	36.80		ug/L		92	70 - 130
Iodomethane	20.0	15.05		ug/L		75	50 - 150
Isopropylbenzene	20.0	21.33		ug/L		107	76 - 125
4-Isopropyltoluene	20.0	19.47		ug/L		97	78 - 126
Methylene Chloride	20.0	16.20		ug/L		81	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.48		ug/L		96	76 - 122
Methyl tert-butyl ether	20.0	18.86		ug/L		94	76 - 123
m-Xylene & p-Xylene	20.0	18.83		ug/L		94	76 - 128
Naphthalene	20.0	16.22		ug/L		81	67 - 129
n-Butylbenzene	20.0	18.59		ug/L		93	71 - 131
n-Heptane	20.0	20.66		ug/L		103	25 - 150
N-Propylbenzene	20.0	18.94		ug/L		95	75 - 127
o-Xylene	20.0	18.79		ug/L		94	78 - 124
sec-Butylbenzene	20.0	19.66		ug/L		98	74 - 127
Styrene	20.0	20.90		ug/L		104	71 - 129
tert-Butylbenzene	20.0	18.97		ug/L		95	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.73		ug/L		99	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.05		ug/L		90	73 - 127
Tetrachloroethene	20.0	20.32		ug/L		102	74 - 129
Toluene	20.0	18.25		ug/L		91	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.57		ug/L		83	50 - 150
trans-1,2-Dichloroethene	20.0	17.50		ug/L		88	74 - 124
trans-1,3-Dichloropropene	20.0	17.48		ug/L		87	59 - 135
1,2,3-Trichlorobenzene	20.0	16.76		ug/L		84	65 - 130
1,2,4-Trichlorobenzene	20.0	16.89		ug/L		84	65 - 131
1,1,1-Trichloroethane	20.0	18.63		ug/L		93	71 - 124
1,1,2-Trichloroethane	20.0	18.41		ug/L		92	69 - 127
Trichloroethene	20.0	18.49		ug/L		92	72 - 129
Trichlorofluoromethane	20.0	19.78		ug/L		99	63 - 142
1,2,3-Trichloropropane	20.0	17.28		ug/L		86	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.06		ug/L		95	74 - 122
1,2,4-Trimethylbenzene	20.0	19.37		ug/L		97	80 - 123
1,3,5-Trimethylbenzene	20.0	19.39		ug/L		97	79 - 124
Vinyl acetate	40.0	37.81		ug/L		95	50 - 150
Vinyl chloride	20.0	18.36		ug/L		92	65 - 132
Xylenes, Total	40.0	37.62		ug/L		94	75 - 128

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

Lab Sample ID: LCS 705-111210/1001
Matrix: Water
Analysis Batch: 111210

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		70 - 126
Dibromofluoromethane	91		77 - 121
Toluene-d8 (Surr)	95		79 - 119

Lab Sample ID: LCSD 705-111210/2
Matrix: Water
Analysis Batch: 111210

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			40.0	33.32		ug/L		83	62 - 136	2	20
Benzene			20.0	16.70		ug/L		83	76 - 122	10	20
Bromobenzene			20.0	16.71		ug/L		84	77 - 125	3	20
Bromoform			20.0	18.19		ug/L		91	65 - 129	4	20
Bromomethane			20.0	13.77		ug/L		69	60 - 138	5	20
2-Butanone (MEK)			40.0	33.00		ug/L		82	74 - 131	8	20
Carbon disulfide			20.0	15.68		ug/L		78	71 - 122	11	20
Carbon tetrachloride			20.0	16.87		ug/L		84	72 - 131	12	20
Chlorobenzene			20.0	17.60		ug/L		88	75 - 121	7	20
Chlorobromomethane			20.0	16.13		ug/L		81	77 - 120	7	20
Chlorodibromomethane			20.0	17.83		ug/L		89	70 - 131	6	20
Chloroethane			20.0	21.18		ug/L		106	55 - 138	4	20
Chloroform			20.0	15.96		ug/L		80	73 - 121	9	20
Chloromethane			20.0	18.66		ug/L		93	57 - 129	9	20
2-Chlorotoluene			20.0	17.62		ug/L		88	75 - 123	4	20
4-Chlorotoluene			20.0	18.22		ug/L		91	76 - 124	4	20
cis-1,2-Dichloroethene			20.0	15.78		ug/L		79	76 - 121	10	20
cis-1,3-Dichloropropene			20.0	16.31		ug/L		82	70 - 129	8	20
1,2-Dibromo-3-Chloropropane			20.0	16.13		ug/L		81	64 - 125	4	20
Dibromomethane			20.0	15.38		ug/L		77	70 - 130	3	20
1,2-Dichlorobenzene			20.0	17.48		ug/L		87	69 - 127	1	20
1,3-Dichlorobenzene			20.0	17.65		ug/L		88	68 - 128	3	20
1,4-Dichlorobenzene			20.0	16.90		ug/L		85	68 - 126	2	20
Dichlorobromomethane			20.0	16.74		ug/L		84	70 - 124	8	20
1,1-Dichloroethane			20.0	16.04		ug/L		80	65 - 126	8	20
1,2-Dichloroethane			20.0	15.97		ug/L		80	72 - 127	7	20
1,1-Dichloroethene			20.0	14.12		ug/L		71	69 - 130	9	20
1,2-Dichloropropane			20.0	16.69		ug/L		83	71 - 121	10	20
1,3-Dichloropropane			20.0	17.43		ug/L		87	76 - 125	4	20
2,2-Dichloropropane			20.0	15.10		ug/L		76	71 - 131	17	20
1,1-Dichloropropene			20.0	17.54		ug/L		88	74 - 129	13	20
Ethylbenzene			20.0	17.13		ug/L		86	75 - 127	9	20
Ethylene Dibromide			20.0	18.13		ug/L		91	68 - 133	6	20
Hexachlorobutadiene			20.0	16.28		ug/L		81	65 - 137	9	20
Hexane			20.0	16.62		ug/L		83	25 - 150	18	20
2-Hexanone			40.0	33.44		ug/L		84	70 - 130	10	20
Iodomethane			20.0	14.82		ug/L		74	50 - 150	2	20
Isopropylbenzene			20.0	19.71		ug/L		99	76 - 125	8	20
4-Isopropyltoluene			20.0	18.13		ug/L		91	78 - 126	7	20

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

Lab Sample ID: LCSD 705-111210/2
Matrix: Water
Analysis Batch: 111210

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride			20.0	15.19		ug/L		76	68 - 131	6	20
4-Methyl-2-pentanone (MIBK)			40.0	34.44		ug/L		86	76 - 122	11	20
Methyl tert-butyl ether			20.0	17.61		ug/L		88	76 - 123	7	20
m-Xylene & p-Xylene			20.0	16.92		ug/L		85	76 - 128	11	20
Naphthalene			20.0	15.53		ug/L		78	67 - 129	4	20
n-Butylbenzene			20.0	17.15		ug/L		86	71 - 131	8	20
n-Heptane			20.0	16.56	*1	ug/L		83	25 - 150	22	20
N-Propylbenzene			20.0	17.71		ug/L		89	75 - 127	7	20
o-Xylene			20.0	17.25		ug/L		86	78 - 124	9	20
sec-Butylbenzene			20.0	18.19		ug/L		91	74 - 127	8	20
Styrene			20.0	19.13		ug/L		96	71 - 129	9	20
tert-Butylbenzene			20.0	17.79		ug/L		89	72 - 127	6	20
1,1,1,2-Tetrachloroethane			20.0	18.62		ug/L		93	76 - 130	6	20
1,1,2,2-Tetrachloroethane			20.0	16.87		ug/L		84	73 - 127	7	20
Tetrachloroethene			20.0	18.71		ug/L		94	74 - 129	8	20
Toluene			20.0	16.41		ug/L		82	74 - 124	11	20
trans-1,4-Dichloro-2-butene			20.0	16.01		ug/L		80	50 - 150	3	20
trans-1,2-Dichloroethene			20.0	15.72		ug/L		79	74 - 124	11	20
trans-1,3-Dichloropropene			20.0	15.83		ug/L		79	59 - 135	10	20
1,2,3-Trichlorobenzene			20.0	16.36		ug/L		82	65 - 130	2	20
1,2,4-Trichlorobenzene			20.0	16.04		ug/L		80	65 - 131	5	20
1,1,1-Trichloroethane			20.0	16.35		ug/L		82	71 - 124	13	20
1,1,2-Trichloroethane			20.0	16.81		ug/L		84	69 - 127	9	20
Trichloroethene			20.0	17.20		ug/L		86	72 - 129	7	20
Trichlorofluoromethane			20.0	17.64		ug/L		88	63 - 142	11	20
1,2,3-Trichloropropane			20.0	16.99		ug/L		85	70 - 127	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	16.30		ug/L		81	74 - 122	16	20
1,2,4-Trimethylbenzene			20.0	18.61		ug/L		93	80 - 123	4	20
1,3,5-Trimethylbenzene			20.0	18.22		ug/L		91	79 - 124	6	20
Vinyl acetate			40.0	24.11	*1	ug/L		60	50 - 150	44	20
Vinyl chloride			20.0	18.13		ug/L		91	65 - 132	1	20
Xylenes, Total			40.0	34.17		ug/L		85	75 - 128	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 126*
Dibromofluoromethane	*92*		*77 - 121*
Toluene-d8 (Surr)	*96*		*79 - 119*

Lab Sample ID: 752-41318-7 MS
Matrix: Water
Analysis Batch: 111210

Client Sample ID: 823-MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		80.0	66.76		ug/L		83	50 - 150
Benzene	ND		40.0	36.21		ug/L		91	71 - 133
Bromobenzene	ND		40.0	32.80		ug/L		82	73 - 130
Bromoform	ND		40.0	35.74		ug/L		89	59 - 130
Bromomethane	ND		40.0	30.87		ug/L		77	50 - 150

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

Lab Sample ID: 752-41318-7 MS
Matrix: Water
Analysis Batch: 111210

Client Sample ID: 823-MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	ND		80.0	68.39		ug/L		85	50 - 150
Carbon disulfide	ND		40.0	35.19		ug/L		88	50 - 150
Carbon tetrachloride	ND		40.0	37.84		ug/L		95	70 - 139
Chlorobenzene	ND		40.0	35.96		ug/L		90	78 - 128
Chlorobromomethane	ND		40.0	34.64		ug/L		87	70 - 133
Chlorodibromomethane	ND		40.0	36.05		ug/L		90	69 - 130
Chloroethane	ND		40.0	50.36		ug/L		126	50 - 150
Chloroform	0.294	J	40.0	34.60		ug/L		86	70 - 132
Chloromethane	ND		40.0	42.88		ug/L		107	50 - 150
2-Chlorotoluene	ND		40.0	35.14		ug/L		88	70 - 131
4-Chlorotoluene	ND		40.0	36.47		ug/L		91	72 - 130
cis-1,2-Dichloroethene	ND		40.0	34.42		ug/L		86	72 - 133
cis-1,3-Dichloropropene	ND		40.0	32.55		ug/L		81	70 - 128
1,2-Dibromo-3-Chloropropane	ND		40.0	29.66		ug/L		74	63 - 127
Dibromomethane	ND		40.0	31.51		ug/L		79	72 - 130
1,2-Dichlorobenzene	ND		40.0	34.17		ug/L		85	76 - 125
1,3-Dichlorobenzene	ND		40.0	34.96		ug/L		87	76 - 126
1,4-Dichlorobenzene	ND		40.0	33.47		ug/L		84	76 - 124
Dichlorobromomethane	ND		40.0	35.10		ug/L		88	68 - 133
1,1-Dichloroethane	ND		40.0	35.10		ug/L		88	70 - 133
1,2-Dichloroethane	ND		40.0	33.20		ug/L		83	71 - 133
1,1-Dichloroethene	ND		40.0	30.55		ug/L		76	69 - 139
1,2-Dichloropropane	ND		40.0	35.58		ug/L		89	69 - 132
1,3-Dichloropropane	ND		40.0	35.05		ug/L		88	72 - 131
2,2-Dichloropropane	ND		40.0	31.36		ug/L		78	63 - 138
1,1-Dichloropropene	ND		40.0	38.94		ug/L		97	77 - 138
Ethyl acetate	ND		80.0	63.87		ug/L		80	50 - 150
Ethylbenzene	ND		40.0	36.65		ug/L		92	75 - 131
Ethylene Dibromide	ND		40.0	35.67		ug/L		89	76 - 129
Hexachlorobutadiene	ND		40.0	34.65		ug/L		87	65 - 138
Hexane	ND		40.0	35.25		ug/L		88	50 - 150
2-Hexanone	ND		80.0	63.80		ug/L		80	50 - 150
Iodomethane	ND		40.0	30.11		ug/L		75	50 - 150
Isopropylbenzene	ND		40.0	41.38		ug/L		103	73 - 135
Isopropyl ether	ND	F1	40.0	19.30	F1	ug/L		48	73 - 133
4-Isopropyltoluene	ND		40.0	38.06		ug/L		95	74 - 132
Methylene Chloride	ND		40.0	32.24		ug/L		81	66 - 132
4-Methyl-2-pentanone (MIBK)	ND		80.0	67.62		ug/L		85	50 - 150
Methyl tert-butyl ether	ND		40.0	35.39		ug/L		88	70 - 130
m-Xylene & p-Xylene	ND		40.0	35.74		ug/L		89	73 - 133
Naphthalene	ND		40.0	31.60		ug/L		79	63 - 134
n-Butylbenzene	ND		40.0	36.59		ug/L		91	70 - 136
n-Heptane	ND	*1	40.0	34.85		ug/L		87	50 - 150
N-Propylbenzene	ND		40.0	36.72		ug/L		92	72 - 135
o-Xylene	ND		40.0	36.03		ug/L		90	73 - 132
sec-Butylbenzene	ND		40.0	38.28		ug/L		96	71 - 134
Styrene	ND		40.0	38.27		ug/L		96	73 - 133
tert-Butylbenzene	ND		40.0	39.99		ug/L		100	70 - 134
1,1,1,2-Tetrachloroethane	ND		40.0	37.66		ug/L		94	69 - 133

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

Lab Sample ID: 752-41318-7 MS
Matrix: Water
Analysis Batch: 111210

Client Sample ID: 823-MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	ND		40.0	33.55		ug/L		84	68 - 132
Tetrachloroethene	0.604	J	40.0	38.79		ug/L		95	74 - 135
Toluene	ND		40.0	34.26		ug/L		86	72 - 134
trans-1,4-Dichloro-2-butene	ND		40.0	29.34		ug/L		73	50 - 150
trans-1,2-Dichloroethene	ND		40.0	34.36		ug/L		86	71 - 132
trans-1,3-Dichloropropene	ND		40.0	32.52		ug/L		81	60 - 125
1,2,3-Trichlorobenzene	ND		40.0	33.47		ug/L		84	62 - 135
1,2,4-Trichlorobenzene	ND		40.0	32.22		ug/L		81	61 - 135
1,1,1-Trichloroethane	ND		40.0	36.13		ug/L		90	69 - 135
1,1,2-Trichloroethane	ND		40.0	34.88		ug/L		87	71 - 133
Trichloroethene	ND		40.0	35.75		ug/L		89	77 - 136
Trichlorofluoromethane	ND		40.0	42.36		ug/L		106	69 - 133
1,2,3-Trichloropropane	ND		40.0	31.90		ug/L		80	66 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40.0	36.45		ug/L		91	50 - 150
1,2,4-Trimethylbenzene	ND		40.0	38.60		ug/L		97	74 - 133
1,3,5-Trimethylbenzene	ND		40.0	37.77		ug/L		94	75 - 132
Vinyl acetate	ND	*1	80.0	82.74		ug/L		103	50 - 150
Vinyl chloride	ND		40.0	42.18		ug/L		105	66 - 138
Xylenes, Total	ND		80.0	71.77		ug/L		90	74 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*95*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

Lab Sample ID: 752-41318-8 DU
Matrix: Water
Analysis Batch: 111210

Client Sample ID: 823-MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	ND		ND		ug/L		NC	30
Benzene	ND		ND		ug/L		NC	30
Bromobenzene	ND		ND		ug/L		NC	30
Bromoform	ND		ND		ug/L		NC	30
Bromomethane	ND		ND		ug/L		NC	30
2-Butanone (MEK)	ND		ND		ug/L		NC	30
Carbon disulfide	ND		ND		ug/L		NC	30
Carbon tetrachloride	ND		ND		ug/L		NC	30
Chlorobenzene	ND		ND		ug/L		NC	30
Chlorobromomethane	ND		ND		ug/L		NC	30
Chlorodibromomethane	ND		ND		ug/L		NC	30
Chloroethane	ND		ND		ug/L		NC	30
Chloroform	ND		ND		ug/L		NC	30
Chloromethane	ND		ND		ug/L		NC	30
2-Chlorotoluene	ND		ND		ug/L		NC	30
4-Chlorotoluene	ND		ND		ug/L		NC	30
cis-1,2-Dichloroethene	ND		ND		ug/L		NC	30
cis-1,3-Dichloropropene	ND		ND		ug/L		NC	30

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

Lab Sample ID: 752-41318-8 DU
Matrix: Water
Analysis Batch: 111210

Client Sample ID: 823-MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	ND			ND		ug/L				NC	30
Dibromomethane	ND			ND		ug/L				NC	30
1,2-Dichlorobenzene	ND			ND		ug/L				NC	30
1,3-Dichlorobenzene	ND			ND		ug/L				NC	30
1,4-Dichlorobenzene	ND			ND		ug/L				NC	30
Dichlorobromomethane	ND			ND		ug/L				NC	30
1,1-Dichloroethane	ND			ND		ug/L				NC	30
1,2-Dichloroethane	ND			ND		ug/L				NC	30
1,1-Dichloroethene	ND			ND		ug/L				NC	30
1,2-Dichloropropane	ND			ND		ug/L				NC	30
1,3-Dichloropropane	ND			ND		ug/L				NC	30
2,2-Dichloropropane	ND			ND		ug/L				NC	30
1,1-Dichloropropene	ND			ND		ug/L				NC	30
Ethyl acetate	ND			ND		ug/L				NC	30
Ethylbenzene	ND			ND		ug/L				NC	30
Ethylene Dibromide	ND			ND		ug/L				NC	30
Hexachlorobutadiene	ND			ND		ug/L				NC	30
Hexane	ND			ND		ug/L				NC	30
2-Hexanone	ND			ND		ug/L				NC	30
Iodomethane	ND			ND		ug/L				NC	30
Isopropylbenzene	ND			ND		ug/L				NC	30
Isopropyl ether	ND			ND		ug/L				NC	30
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	11.7			12.10		ug/L				3	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	*1		ND	*1	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

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

Lab Sample ID: 752-41318-8 DU
Matrix: Water
Analysis Batch: 111210

Client Sample ID: 823-MW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		ND		ug/L		NC	30
1,2,4-Trimethylbenzene	ND		ND		ug/L		NC	30
1,3,5-Trimethylbenzene	ND		ND		ug/L		NC	30
Vinyl acetate	ND	*1	ND	*1	ug/L		NC	30
Vinyl chloride	ND		ND		ug/L		NC	30
Xylenes, Total	ND		ND		ug/L		NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-111244/7
Matrix: Water
Analysis Batch: 111244

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/31/26 16:54	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 16:54	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 16:54	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 16:54	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 16:54	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 16:54	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 16:54	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 16:54	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 16:54	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 16:54	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 16:54	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 16:54	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 16:54	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 16:54	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 16:54	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 16:54	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 16:54	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 16:54	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 16:54	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 16:54	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 16:54	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 16:54	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 16:54	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 16:54	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 16:54	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 16:54	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 16:54	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 16:54	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 16:54	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 16:54	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 16:54	1

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

Lab Sample ID: MB 705-111244/7
Matrix: Water
Analysis Batch: 111244

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 16:54	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 16:54	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 16:54	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 16:54	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 16:54	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 16:54	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 16:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 16:54	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 16:54	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 16:54	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 16:54	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 16:54	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 16:54	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 16:54	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 16:54	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 16:54	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 16:54	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 16:54	1
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 16:54	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 16:54	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 16:54	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 16:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 16:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 16:54	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 16:54	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 16:54	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 16:54	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 16:54	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 16:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 16:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 16:54	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 16:54	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 16:54	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 16:54	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 16:54	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 16:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 16:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 16:54	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 16:54	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 16:54	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 16:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*01/31/26 16:54*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*01/31/26 16:54*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/31/26 16:54*	*1*

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

Lab Sample ID: LCS 705-111244/1001
Matrix: Water
Analysis Batch: 111244

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	36.77		ug/L		92	25 - 150		
Isopropyl ether			20.0	18.94		ug/L		95	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*91*		*70 - 126*
Dibromofluoromethane	*95*		*77 - 121*
Toluene-d8 (Surr)	*93*		*79 - 119*

Lab Sample ID: LCS 705-111244/1002
Matrix: Water
Analysis Batch: 111244

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	38.33		ug/L		96	62 - 136		
Benzene			20.0	20.30		ug/L		101	76 - 122		
Bromobenzene			20.0	19.32		ug/L		97	77 - 125		
Bromoform			20.0	21.21		ug/L		106	65 - 129		
Bromomethane			20.0	12.41		ug/L		62	60 - 138		
2-Butanone (MEK)			40.0	38.14		ug/L		95	74 - 131		
Carbon disulfide			20.0	19.11		ug/L		96	71 - 122		
Carbon tetrachloride			20.0	21.40		ug/L		107	72 - 131		
Chlorobenzene			20.0	20.94		ug/L		105	75 - 121		
Chlorobromomethane			20.0	19.42		ug/L		97	77 - 120		
Chlorodibromomethane			20.0	21.65		ug/L		108	70 - 131		
Chloroethane			20.0	25.37		ug/L		127	55 - 138		
Chloroform			20.0	19.56		ug/L		98	73 - 121		
Chloromethane			20.0	22.66		ug/L		113	57 - 129		
2-Chlorotoluene			20.0	20.20		ug/L		101	75 - 123		
4-Chlorotoluene			20.0	20.93		ug/L		105	76 - 124		
cis-1,2-Dichloroethene			20.0	18.22		ug/L		91	76 - 121		
cis-1,3-Dichloropropene			20.0	18.58		ug/L		93	70 - 129		
1,2-Dibromo-3-Chloropropane			20.0	17.55		ug/L		88	64 - 125		
Dibromomethane			20.0	18.06		ug/L		90	70 - 130		
1,2-Dichlorobenzene			20.0	19.99		ug/L		100	69 - 127		
1,3-Dichlorobenzene			20.0	20.02		ug/L		100	68 - 128		
1,4-Dichlorobenzene			20.0	19.53		ug/L		98	68 - 126		
Dichlorobromomethane			20.0	20.08		ug/L		100	70 - 124		
1,1-Dichloroethane			20.0	19.16		ug/L		96	65 - 126		
1,2-Dichloroethane			20.0	18.76		ug/L		94	72 - 127		
1,1-Dichloroethene			20.0	17.15		ug/L		86	69 - 130		
1,2-Dichloropropane			20.0	20.42		ug/L		102	71 - 121		
1,3-Dichloropropane			20.0	20.34		ug/L		102	76 - 125		
2,2-Dichloropropane			20.0	16.19		ug/L		81	71 - 131		
1,1-Dichloropropene			20.0	21.74		ug/L		109	74 - 129		
Ethylbenzene			20.0	20.56		ug/L		103	75 - 127		
Ethylene Dibromide			20.0	21.29		ug/L		106	68 - 133		
Hexachlorobutadiene			20.0	19.90		ug/L		99	65 - 137		
Hexane			20.0	18.58		ug/L		93	25 - 150		

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

Lab Sample ID: LCS 705-111244/1002
Matrix: Water
Analysis Batch: 111244

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	40.29		ug/L		101	70 - 130
Iodomethane	20.0	15.45		ug/L		77	50 - 150
Isopropylbenzene	20.0	22.66		ug/L		113	76 - 125
4-Isopropyltoluene	20.0	21.11		ug/L		106	78 - 126
Methylene Chloride	20.0	17.81		ug/L		89	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	39.60		ug/L		99	76 - 122
Methyl tert-butyl ether	20.0	20.59		ug/L		103	76 - 123
m-Xylene & p-Xylene	20.0	20.23		ug/L		101	76 - 128
Naphthalene	20.0	16.32		ug/L		82	67 - 129
n-Butylbenzene	20.0	19.50		ug/L		98	71 - 131
n-Heptane	20.0	17.70		ug/L		88	25 - 150
N-Propylbenzene	20.0	20.50		ug/L		102	75 - 127
o-Xylene	20.0	19.96		ug/L		100	78 - 124
sec-Butylbenzene	20.0	21.49		ug/L		107	74 - 127
Styrene	20.0	22.38		ug/L		112	71 - 129
tert-Butylbenzene	20.0	20.32		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.53		ug/L		113	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.84		ug/L		99	73 - 127
Tetrachloroethene	20.0	22.46		ug/L		112	74 - 129
Toluene	20.0	19.55		ug/L		98	74 - 124
trans-1,4-Dichloro-2-butene	20.0	15.97		ug/L		80	50 - 150
trans-1,2-Dichloroethene	20.0	18.82		ug/L		94	74 - 124
trans-1,3-Dichloropropene	20.0	18.13		ug/L		91	59 - 135
1,2,3-Trichlorobenzene	20.0	18.46		ug/L		92	65 - 130
1,2,4-Trichlorobenzene	20.0	17.40		ug/L		87	65 - 131
1,1,1-Trichloroethane	20.0	21.01		ug/L		105	71 - 124
1,1,2-Trichloroethane	20.0	20.37		ug/L		102	69 - 127
Trichloroethene	20.0	20.93		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	21.37		ug/L		107	63 - 142
1,2,3-Trichloropropane	20.0	19.92		ug/L		100	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.60		ug/L		103	74 - 122
1,2,4-Trimethylbenzene	20.0	21.34		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	20.0	21.00		ug/L		105	79 - 124
Vinyl acetate	40.0	32.29		ug/L		81	50 - 150
Vinyl chloride	20.0	20.11		ug/L		101	65 - 132
Xylenes, Total	40.0	40.19		ug/L		100	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 126*
Dibromofluoromethane	*93*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

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

Lab Sample ID: MB 400-737416/1-A
Matrix: Water
Analysis Batch: 737544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737416

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/26/26 13:28	01/28/26 00:38	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*40 - 150*	*01/26/26 13:28*	*01/28/26 00:38*	*1*

Lab Sample ID: LCS 400-737416/2-A
Matrix: Water
Analysis Batch: 737544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737416

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			33.3	35.04		ug/L		105	30 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*57*		*30 - 150*

Lab Sample ID: LCSD 400-737416/3-A
Matrix: Water
Analysis Batch: 737544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737416

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			33.3	39.71		ug/L		119	30 - 150	12	40

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*51*		*30 - 150*

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

Lab Sample ID: MB 400-737344/1-A
Matrix: Water
Analysis Batch: 737629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/24/26 13:17	01/28/26 18:15	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/24/26 13:17	01/28/26 18:15	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/24/26 13:17	01/28/26 18:15	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/24/26 13:17	01/28/26 18:15	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/24/26 13:17	01/28/26 18:15	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/24/26 13:17	01/28/26 18:15	1
2-Nitroaniline	ND		10.0	1.37	ug/L		01/24/26 13:17	01/28/26 18:15	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/24/26 13:17	01/28/26 18:15	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/24/26 13:17	01/28/26 18:15	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/24/26 13:17	01/28/26 18:15	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/24/26 13:17	01/28/26 18:15	1

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

Lab Sample ID: MB 400-737344/1-A
Matrix: Water
Analysis Batch: 737629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/24/26 13:17	01/28/26 18:15	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/24/26 13:17	01/28/26 18:15	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/24/26 13:17	01/28/26 18:15	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/24/26 13:17	01/28/26 18:15	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/24/26 13:17	01/28/26 18:15	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/24/26 13:17	01/28/26 18:15	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/24/26 13:17	01/28/26 18:15	1
Acenaphthene	ND		10.0	0.630	ug/L		01/24/26 13:17	01/28/26 18:15	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/24/26 13:17	01/28/26 18:15	1
Acetophenone	ND		10.0	3.20	ug/L		01/24/26 13:17	01/28/26 18:15	1
Anthracene	ND		10.0	0.910	ug/L		01/24/26 13:17	01/28/26 18:15	1
Atrazine	ND		10.0	1.13	ug/L		01/24/26 13:17	01/28/26 18:15	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/24/26 13:17	01/28/26 18:15	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/24/26 13:17	01/28/26 18:15	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:17	01/28/26 18:15	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/24/26 13:17	01/28/26 18:15	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/24/26 13:17	01/28/26 18:15	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/24/26 13:17	01/28/26 18:15	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/24/26 13:17	01/28/26 18:15	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/24/26 13:17	01/28/26 18:15	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/24/26 13:17	01/28/26 18:15	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/24/26 13:17	01/28/26 18:15	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:17	01/28/26 18:15	1
Caprolactam	ND		10.0	2.40	ug/L		01/24/26 13:17	01/28/26 18:15	1
Carbazole	ND		10.0	0.320	ug/L		01/24/26 13:17	01/28/26 18:15	1
Chrysene	ND		10.0	1.20	ug/L		01/24/26 13:17	01/28/26 18:15	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/24/26 13:17	01/28/26 18:15	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/24/26 13:17	01/28/26 18:15	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:17	01/28/26 18:15	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:17	01/28/26 18:15	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/24/26 13:17	01/28/26 18:15	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/24/26 13:17	01/28/26 18:15	1
Fluoranthene	ND		10.0	0.630	ug/L		01/24/26 13:17	01/28/26 18:15	1
Fluorene	ND		10.0	0.670	ug/L		01/24/26 13:17	01/28/26 18:15	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/24/26 13:17	01/28/26 18:15	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/24/26 13:17	01/28/26 18:15	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/24/26 13:17	01/28/26 18:15	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/24/26 13:17	01/28/26 18:15	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/24/26 13:17	01/28/26 18:15	1
Isophorone	ND		10.0	0.800	ug/L		01/24/26 13:17	01/28/26 18:15	1
Naphthalene	ND		10.0	0.750	ug/L		01/24/26 13:17	01/28/26 18:15	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/24/26 13:17	01/28/26 18:15	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/24/26 13:17	01/28/26 18:15	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/24/26 13:17	01/28/26 18:15	1
Pentachlorophenol	ND		10.0	2.80	ug/L		01/24/26 13:17	01/28/26 18:15	1
Phenanthrene	ND		10.0	0.740	ug/L		01/24/26 13:17	01/28/26 18:15	1
Phenol	ND		10.0	0.680	ug/L		01/24/26 13:17	01/28/26 18:15	1
Pyrene	ND		10.0	0.630	ug/L		01/24/26 13:17	01/28/26 18:15	1

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

Lab Sample ID: MB 400-737344/1-A
Matrix: Water
Analysis Batch: 737629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737344

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*53*		*10 - 150*	*01/24/26 13:17*	*01/28/26 18:15*	*1*
2-Fluorobiphenyl (Surr)	*48*		*25 - 139*	*01/24/26 13:17*	*01/28/26 18:15*	*1*
2-Fluorophenol (Surr)	*45*		*10 - 150*	*01/24/26 13:17*	*01/28/26 18:15*	*1*
Nitrobenzene-d5 (Surr)	*53*		*22 - 150*	*01/24/26 13:17*	*01/28/26 18:15*	*1*
Phenol-d5 (Surr)	*45*		*10 - 150*	*01/24/26 13:17*	*01/28/26 18:15*	*1*
Terphenyl-d14 (Surr)	*41*		*28 - 150*	*01/24/26 13:17*	*01/28/26 18:15*	*1*

Lab Sample ID: LCS 400-737344/2-A
Matrix: Water
Analysis Batch: 737629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	18.78		ug/L		56	27 - 120
2,4,5-Trichlorophenol	33.3	22.35		ug/L		67	27 - 136
2,4,6-Trichlorophenol	33.3	21.26		ug/L		64	21 - 132
2,4-Dichlorophenol	33.3	19.02		ug/L		57	30 - 125
2,4-Dimethylphenol	33.3	14.75		ug/L		44	10 - 142
2,4-Dinitrophenol	66.7	26.89	J	ug/L		40	10 - 150
2,4-Dinitrotoluene	33.3	20.64		ug/L		62	30 - 129
2,6-Dinitrotoluene	33.3	20.68		ug/L		62	34 - 132
2-Chloronaphthalene	33.3	17.32		ug/L		52	10 - 150
2-Chlorophenol	33.3	19.71		ug/L		59	28 - 127
2-Methylnaphthalene	33.3	18.14		ug/L		54	24 - 150
2-Methylphenol	33.3	18.00		ug/L		54	11 - 121
2-Nitroaniline	33.3	22.94		ug/L		69	31 - 141
2-Nitrophenol	33.3	20.19		ug/L		61	31 - 142
3 & 4 Methylphenol	33.3	18.51	J	ug/L		56	10 - 150
3,3'-Dichlorobenzidine	66.7	17.56		ug/L		26	10 - 150
3-Nitroaniline	33.3	19.88		ug/L		60	33 - 136
4,6-Dinitro-2-methylphenol	66.7	32.77		ug/L		49	10 - 150
4-Bromophenyl phenyl ether	33.3	17.78		ug/L		53	24 - 120
4-Chloro-3-methylphenol	33.3	18.15		ug/L		54	10 - 137
4-Chloroaniline	33.3	14.54		ug/L		44	10 - 150
4-Chlorophenyl phenyl ether	33.3	20.28		ug/L		61	31 - 110
4-Nitroaniline	33.3	16.84		ug/L		51	37 - 139
4-Nitrophenol	66.7	39.97		ug/L		60	10 - 150
Acenaphthene	33.3	19.69		ug/L		59	29 - 150
Acenaphthylene	33.3	20.45		ug/L		61	30 - 150
Acetophenone	33.3	17.06		ug/L		51	27 - 119
Anthracene	33.3	18.30		ug/L		55	31 - 150
Atrazine	33.3	16.56		ug/L		50	10 - 150
Benzaldehyde	33.3	14.38		ug/L		43	10 - 150
Benzo[a]anthracene	33.3	18.25		ug/L		55	36 - 150
Benzo[a]pyrene	33.3	18.83		ug/L		56	29 - 150
Benzo[b]fluoranthene	33.3	17.88		ug/L		54	32 - 150
Benzo[g,h,i]perylene	33.3	19.30		ug/L		58	28 - 150
Benzo[k]fluoranthene	33.3	19.43		ug/L		58	30 - 150
bis (2-chloroisopropyl) ether	33.3	17.53		ug/L		53	32 - 115

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

Lab Sample ID: LCS 400-737344/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737629
Prep Batch: 737344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	33.3	18.22		ug/L		55	34 - 120
Bis(2-chloroethyl)ether	33.3	19.33		ug/L		58	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	20.68		ug/L		62	24 - 133
Butyl benzyl phthalate	33.3	17.45		ug/L		52	24 - 140
Caprolactam	33.3	16.04		ug/L		48	10 - 150
Carbazole	33.3	16.90		ug/L		51	28 - 123
Chrysene	33.3	17.47		ug/L		52	34 - 150
Dibenz(a,h)anthracene	33.3	18.43		ug/L		55	29 - 150
Dibenzofuran	33.3	18.41		ug/L		55	35 - 110
Diethyl phthalate	33.3	12.18		ug/L		37	31 - 118
Dimethyl phthalate	33.3	14.23		ug/L		43	24 - 125
Di-n-butyl phthalate	33.3	13.11		ug/L		39	30 - 127
Di-n-octyl phthalate	33.3	21.02		ug/L		63	28 - 142
Fluoranthene	33.3	17.73		ug/L		53	30 - 150
Fluorene	33.3	19.01		ug/L		57	30 - 150
Hexachlorobenzene	33.3	17.87		ug/L		54	29 - 113
Hexachlorobutadiene	33.3	13.05		ug/L		39	10 - 117
Hexachlorocyclopentadiene	33.3	9.622	J	ug/L		29	10 - 150
Hexachloroethane	33.3	14.37		ug/L		43	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	18.07		ug/L		54	28 - 150
Isophorone	33.3	19.55		ug/L		59	29 - 125
Naphthalene	33.3	16.27		ug/L		49	27 - 150
Nitrobenzene	33.3	19.91		ug/L		60	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.80		ug/L		65	50 - 134
N-Nitrosodiphenylamine	33.1	18.85		ug/L		57	50 - 132
Pentachlorophenol	66.7	32.95		ug/L		49	14 - 150
Phenanthrene	33.3	18.12		ug/L		54	32 - 150
Phenol	33.3	20.51		ug/L		62	10 - 150
Pyrene	33.3	17.91		ug/L		54	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 150*
2-Fluorobiphenyl (Surr)	*47*		*25 - 139*
2-Fluorophenol (Surr)	*50*		*10 - 150*
Nitrobenzene-d5 (Surr)	*50*		*22 - 150*
Phenol-d5 (Surr)	*57*		*10 - 150*
Terphenyl-d14 (Surr)	*42*		*28 - 150*

Lab Sample ID: LCSD 400-737344/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737629
Prep Batch: 737344

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	33.3	18.16		ug/L		54	27 - 120	3	40
2,4,5-Trichlorophenol	33.3	22.01		ug/L		66	27 - 136	2	40
2,4,6-Trichlorophenol	33.3	21.15		ug/L		63	21 - 132	1	40
2,4-Dichlorophenol	33.3	20.10		ug/L		60	30 - 125	5	40
2,4-Dimethylphenol	33.3	15.40		ug/L		46	10 - 142	4	40

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

Lab Sample ID: LCSD 400-737344/3-A
Matrix: Water
Analysis Batch: 737629

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737344

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrophenol	66.7	26.53	J	ug/L		40	10 - 150	1	40
2,4-Dinitrotoluene	33.3	20.75		ug/L		62	30 - 129	1	40
2,6-Dinitrotoluene	33.3	21.08		ug/L		63	34 - 132	2	40
2-Chloronaphthalene	33.3	16.69		ug/L		50	10 - 150	4	40
2-Chlorophenol	33.3	20.90		ug/L		63	28 - 127	6	40
2-Methylnaphthalene	33.3	18.13		ug/L		54	24 - 150	0	40
2-Methylphenol	33.3	19.02		ug/L		57	11 - 121	6	40
2-Nitroaniline	33.3	22.87		ug/L		69	31 - 141	0	40
2-Nitrophenol	33.3	20.77		ug/L		62	31 - 142	3	40
3 & 4 Methylphenol	33.3	19.28	J	ug/L		58	10 - 150	4	40
3,3'-Dichlorobenzidine	66.7	21.52		ug/L		32	10 - 150	20	40
3-Nitroaniline	33.3	19.93		ug/L		60	33 - 136	0	40
4,6-Dinitro-2-methylphenol	66.7	33.93		ug/L		51	10 - 150	3	40
4-Bromophenyl phenyl ether	33.3	18.25		ug/L		55	24 - 120	3	40
4-Chloro-3-methylphenol	33.3	18.80		ug/L		56	10 - 137	4	40
4-Chloroaniline	33.3	16.56		ug/L		50	10 - 150	13	40
4-Chlorophenyl phenyl ether	33.3	20.17		ug/L		61	31 - 110	1	40
4-Nitroaniline	33.3	17.99		ug/L		54	37 - 139	7	40
4-Nitrophenol	66.7	41.21		ug/L		62	10 - 150	3	40
Acenaphthene	33.3	19.39		ug/L		58	29 - 150	2	40
Acenaphthylene	33.3	19.81		ug/L		59	30 - 150	3	40
Acetophenone	33.3	17.47		ug/L		52	27 - 119	2	40
Anthracene	33.3	18.86		ug/L		57	31 - 150	3	40
Atrazine	33.3	17.57		ug/L		53	10 - 150	6	40
Benzaldehyde	33.3	14.14		ug/L		42	10 - 150	2	40
Benzo[a]anthracene	33.3	18.83		ug/L		56	36 - 150	3	40
Benzo[a]pyrene	33.3	18.82		ug/L		56	29 - 150	0	40
Benzo[b]fluoranthene	33.3	17.87		ug/L		54	32 - 150	0	40
Benzo[g,h,i]perylene	33.3	19.32		ug/L		58	28 - 150	0	40
Benzo[k]fluoranthene	33.3	19.50		ug/L		58	30 - 150	0	40
bis (2-chloroisopropyl) ether	33.3	18.49		ug/L		55	32 - 115	5	40
Bis(2-chloroethoxy)methane	33.3	18.67		ug/L		56	34 - 120	2	40
Bis(2-chloroethyl)ether	33.3	19.89		ug/L		60	32 - 114	3	40
Bis(2-ethylhexyl) phthalate	33.3	20.92		ug/L		63	24 - 133	1	40
Butyl benzyl phthalate	33.3	16.34		ug/L		49	24 - 140	7	40
Caprolactam	33.3	19.19		ug/L		58	10 - 150	18	40
Carbazole	33.3	17.32		ug/L		52	28 - 123	2	40
Chrysene	33.3	17.92		ug/L		54	34 - 150	3	40
Dibenz(a,h)anthracene	33.3	18.43		ug/L		55	29 - 150	0	40
Dibenzofuran	33.3	18.29		ug/L		55	35 - 110	1	40
Diethyl phthalate	33.3	11.79		ug/L		35	31 - 118	3	40
Dimethyl phthalate	33.3	14.13		ug/L		42	24 - 125	1	40
Di-n-butyl phthalate	33.3	12.32		ug/L		37	30 - 127	6	40
Di-n-octyl phthalate	33.3	21.11		ug/L		63	28 - 142	0	40
Fluoranthene	33.3	18.05		ug/L		54	30 - 150	2	40
Fluorene	33.3	19.08		ug/L		57	30 - 150	0	40
Hexachlorobenzene	33.3	17.98		ug/L		54	29 - 113	1	40
Hexachlorobutadiene	33.3	12.13		ug/L		36	10 - 117	7	40
Hexachlorocyclopentadiene	33.3	9.736	J	ug/L		29	10 - 150	1	40

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

Lab Sample ID: LCSD 400-737344/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737629
Prep Batch: 737344

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane			33.3	13.62		ug/L		41	10 - 112	5	40
Indeno[1,2,3-cd]pyrene			33.3	18.02		ug/L		54	28 - 150	0	40
Isophorone			33.3	20.43		ug/L		61	29 - 125	4	40
Naphthalene			33.3	16.20		ug/L		49	27 - 150	0	40
Nitrobenzene			33.3	20.53		ug/L		62	29 - 129	3	40
N-Nitrosodi-n-propylamine			33.3	22.15		ug/L		66	50 - 134	2	40
N-Nitrosodiphenylamine			33.1	18.94		ug/L		57	50 - 132	1	40
Pentachlorophenol			66.7	33.82		ug/L		51	14 - 150	3	40
Phenanthrene			33.3	18.49		ug/L		55	32 - 150	2	40
Phenol			33.3	21.94		ug/L		66	10 - 150	7	40
Pyrene			33.3	18.32		ug/L		55	30 - 150	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 150*
2-Fluorobiphenyl (Surr)	*48*		*25 - 139*
2-Fluorophenol (Surr)	*52*		*10 - 150*
Nitrobenzene-d5 (Surr)	*54*		*22 - 150*
Phenol-d5 (Surr)	*61*		*10 - 150*
Terphenyl-d14 (Surr)	*41*		*28 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-110490/3
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 110490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/28/26 11:00	1

Lab Sample ID: LCS 705-110490/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 110490

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	24.77		mg/L		99	90 - 110		

Lab Sample ID: MB 705-110506/36
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 110506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.767	mg/L			01/28/26 13:54	1

Lab Sample ID: LCS 705-110506/37
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 110506

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	25.40		mg/L		102	90 - 110		

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-110589/1-A
Matrix: Water
Analysis Batch: 111277

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 110589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/28/26 14:22	01/30/26 23:48	1
Arsenic	ND		5.00	1.32	ug/L		01/28/26 14:22	01/30/26 23:48	1
Barium	ND		10.0	0.410	ug/L		01/28/26 14:22	01/30/26 23:48	1
Beryllium	ND		1.00	0.147	ug/L		01/28/26 14:22	01/30/26 23:48	1
Cadmium	ND		0.700	0.237	ug/L		01/28/26 14:22	01/30/26 23:48	1
Chromium	ND		5.00	3.69	ug/L		01/28/26 14:22	01/30/26 23:48	1
Cobalt	ND		5.00	0.411	ug/L		01/28/26 14:22	01/30/26 23:48	1
Copper	ND		2.00	0.642	ug/L		01/28/26 14:22	01/30/26 23:48	1
Lead	ND		1.00	0.864	ug/L		01/28/26 14:22	01/30/26 23:48	1
Manganese	ND		5.00	1.29	ug/L		01/28/26 14:22	01/30/26 23:48	1
Nickel	ND		5.00	0.422	ug/L		01/28/26 14:22	01/30/26 23:48	1
Selenium	ND		5.00	2.29	ug/L		01/28/26 14:22	01/30/26 23:48	1
Silver	ND		1.00	0.167	ug/L		01/28/26 14:22	01/30/26 23:48	1
Thallium	ND		1.00	0.190	ug/L		01/28/26 14:22	01/30/26 23:48	1
Vanadium	ND		5.00	1.22	ug/L		01/28/26 14:22	01/30/26 23:48	1
Zinc	ND		10.0	8.91	ug/L		01/28/26 14:22	01/30/26 23:48	1

Lab Sample ID: LCS 705-110589/2-A
Matrix: Water
Analysis Batch: 111277

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 110589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	87.89		ug/L		88	80 - 120
Arsenic	100	93.04		ug/L		93	80 - 120
Barium	100	92.31		ug/L		92	80 - 120
Beryllium	100	92.13		ug/L		92	80 - 120
Cadmium	100	91.90		ug/L		92	80 - 120
Chromium	100	97.28		ug/L		97	80 - 120
Cobalt	100	98.49		ug/L		98	80 - 120
Copper	100	99.64		ug/L		100	80 - 120
Lead	100	100.8		ug/L		101	80 - 120
Manganese	100	94.98		ug/L		95	80 - 120
Nickel	100	103.4		ug/L		103	80 - 120
Selenium	100	91.23		ug/L		91	80 - 120
Silver	10.0	9.362		ug/L		94	80 - 120
Thallium	100	101.5		ug/L		102	80 - 120
Vanadium	100	94.14		ug/L		94	80 - 120
Zinc	100	90.84		ug/L		91	80 - 120

Lab Sample ID: MB 705-110717/1-A
Matrix: Water
Analysis Batch: 111283

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 07:45	01/31/26 03:40	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 07:45	01/31/26 03:40	1
Barium	ND		10.0	0.410	ug/L		01/29/26 07:45	01/31/26 03:40	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 07:45	01/31/26 03:40	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 07:45	01/31/26 03:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-110717/1-A
Matrix: Water
Analysis Batch: 111283

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		5.00	3.69	ug/L		01/29/26 07:45	01/31/26 03:40	1
Cobalt	ND		5.00	0.411	ug/L		01/29/26 07:45	01/31/26 03:40	1
Copper	0.7099	J	2.00	0.642	ug/L		01/29/26 07:45	01/31/26 03:40	1
Lead	ND		1.00	0.864	ug/L		01/29/26 07:45	01/31/26 03:40	1
Manganese	ND		5.00	1.29	ug/L		01/29/26 07:45	01/31/26 03:40	1
Nickel	0.7609	J	5.00	0.422	ug/L		01/29/26 07:45	01/31/26 03:40	1
Selenium	ND	^-	5.00	2.29	ug/L		01/29/26 07:45	01/31/26 03:40	1
Silver	ND		1.00	0.167	ug/L		01/29/26 07:45	01/31/26 03:40	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 07:45	01/31/26 03:40	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 07:45	01/31/26 03:40	1
Zinc	ND		10.0	8.91	ug/L		01/29/26 07:45	01/31/26 03:40	1

Lab Sample ID: LCS 705-110717/2-A
Matrix: Water
Analysis Batch: 111283

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	83.01		ug/L		83	80 - 120
Arsenic	100	93.04		ug/L		93	80 - 120
Barium	100	89.13		ug/L		89	80 - 120
Beryllium	100	85.63		ug/L		86	80 - 120
Cadmium	100	86.24		ug/L		86	80 - 120
Chromium	100	94.59		ug/L		95	80 - 120
Cobalt	100	97.48		ug/L		97	80 - 120
Copper	100	95.39		ug/L		95	80 - 120
Lead	100	97.93		ug/L		98	80 - 120
Manganese	100	89.70		ug/L		90	80 - 120
Nickel	100	95.54		ug/L		96	80 - 120
Selenium	100	86.44	^-	ug/L		86	80 - 120
Silver	10.0	9.016		ug/L		90	80 - 120
Thallium	100	98.38		ug/L		98	80 - 120
Vanadium	100	94.51		ug/L		95	80 - 120
Zinc	100	92.05		ug/L		92	80 - 120

Lab Sample ID: 752-41318-9 MS
Matrix: Water
Analysis Batch: 111283

Client Sample ID: 823-MW-Dup
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		100	85.53		ug/L		86	75 - 125
Arsenic	ND		100	92.06		ug/L		92	75 - 125
Barium	141		100	225.3		ug/L		84	75 - 125
Beryllium	ND		100	84.63		ug/L		85	75 - 125
Cadmium	ND		100	87.69		ug/L		88	75 - 125
Chromium	ND		100	96.56		ug/L		97	75 - 125
Cobalt	ND		100	95.47		ug/L		95	75 - 125
Copper	ND		100	98.06		ug/L		98	75 - 125
Lead	ND		100	95.45		ug/L		95	75 - 125
Manganese	5.63		100	97.18		ug/L		92	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-41318-9 MS
Matrix: Water
Analysis Batch: 111283

Client Sample ID: 823-MW-Dup
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	ND		100	95.41		ug/L		95	75 - 125
Selenium	ND	^-	100	87.49	^-	ug/L		87	75 - 125
Silver	ND		10.0	8.661		ug/L		87	75 - 125
Thallium	ND		100	94.94		ug/L		95	75 - 125
Vanadium	ND		100	95.90		ug/L		96	75 - 125
Zinc	ND		100	97.18		ug/L		97	75 - 125

Lab Sample ID: 752-41318-9 MSD
Matrix: Water
Analysis Batch: 111283

Client Sample ID: 823-MW-Dup
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		100	81.78		ug/L		82	75 - 125	4	20
Arsenic	ND		100	89.42		ug/L		89	75 - 125	3	20
Barium	141		100	220.6		ug/L		79	75 - 125	2	20
Beryllium	ND		100	81.62		ug/L		82	75 - 125	4	20
Cadmium	ND		100	86.32		ug/L		86	75 - 125	2	20
Chromium	ND		100	89.86		ug/L		90	75 - 125	7	20
Cobalt	ND		100	90.70		ug/L		91	75 - 125	5	20
Copper	ND		100	90.68		ug/L		91	75 - 125	8	20
Lead	ND		100	93.11		ug/L		93	75 - 125	2	20
Manganese	5.63		100	88.36		ug/L		83	75 - 125	10	20
Nickel	ND		100	89.46		ug/L		89	75 - 125	6	20
Selenium	ND	^-	100	81.78	^-	ug/L		82	75 - 125	7	20
Silver	ND		10.0	8.520		ug/L		85	75 - 125	2	20
Thallium	ND		100	93.20		ug/L		93	75 - 125	2	20
Vanadium	ND		100	91.64		ug/L		92	75 - 125	5	20
Zinc	ND		100	94.20		ug/L		94	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-111483/1-A
Matrix: Water
Analysis Batch: 111731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/03/26 08:55	02/03/26 12:08	1

Lab Sample ID: LCS 705-111483/2-A
Matrix: Water
Analysis Batch: 111731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.534		ug/L		113	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14705/13
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14705

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/29/26 13:02	1

Lab Sample ID: LCS 752-14705/14
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14705

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	0.9954		mg/L		98	90 - 110

Lab Sample ID: 752-41318-3 MS
Client Sample ID: 823-MW-3
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND	F1	0.395	ND	F1	mg/L		0	90 - 110

Lab Sample ID: 752-41318-3 MSD
Client Sample ID: 823-MW-3
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14705

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND	F1	0.395	ND	F1	mg/L		0	90 - 110	NC	30

Lab Sample ID: MB 752-14718/13
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/30/26 10:42	1

Lab Sample ID: LCS 752-14718/14
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.090		mg/L		107	90 - 110

Lab Sample ID: 752-41318-4 MS
Client Sample ID: 823-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND	F1	0.395	ND	F1	mg/L		0	90 - 110

Lab Sample ID: 752-41318-4 MSD
Client Sample ID: 823-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 14718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND	F1	0.395	ND	F1	mg/L		0	90 - 110	NC	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14679/10
Matrix: Water
Analysis Batch: 14679

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			01/23/26 16:21	1

Lab Sample ID: MB 752-14679/64
Matrix: Water
Analysis Batch: 14679

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			01/23/26 17:37	1

Lab Sample ID: LCS 752-14679/13
Matrix: Water
Analysis Batch: 14679

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	0.9970		mg/L		100	90 - 110		

Lab Sample ID: LCSD 752-14679/92
Matrix: Water
Analysis Batch: 14679

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	0.9758		mg/L		98	90 - 110	2	10

Lab Sample ID: 752-41318-1 MS
Matrix: Water
Analysis Batch: 14679

Client Sample ID: 823-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	ND		1.00	0.9052		mg/L		91	90 - 110		

Lab Sample ID: 752-41318-1 MSD
Matrix: Water
Analysis Batch: 14679

Client Sample ID: 823-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
Nitrite as N	ND		1.00	0.9288		mg/L		93	90 - 110	3	10

Lab Sample ID: 752-41318-2 DU
Matrix: Water
Analysis Batch: 14679

Client Sample ID: 823-MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nitrite as N	ND			ND		mg/L				NC	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-888219/40
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			01/31/26 19:34	1

Lab Sample ID: LCS 680-888219/41
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888219

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N			1.00	1.041		mg/L		104	90 - 110		

Lab Sample ID: 752-41318-1 MS
Client Sample ID: 823-MW-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888219

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	0.0680	J F1	1.00	0.7500	F1	mg/L		68	90 - 110		

Lab Sample ID: 752-41318-1 MSD
Client Sample ID: 823-MW-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 888219

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.0680	J F1	1.00	0.8010	F1	mg/L		73	90 - 110	7	10

QC Association Summary

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

GC/MS VOA

Analysis Batch: 110454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	8260D	
752-41318-2	823-MW-2	Total/NA	Water	8260D	
752-41318-3	823-MW-3	Total/NA	Water	8260D	
752-41318-4	823-MW-4	Total/NA	Water	8260D	
752-41318-5	823-MW-5	Total/NA	Water	8260D	
752-41318-6	823-MW-6	Total/NA	Water	8260D	
MB 705-110454/8	Method Blank	Total/NA	Water	8260D	
LCS 705-110454/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-110454/1004	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 111210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-7	823-MW-7	Total/NA	Water	8260D	
752-41318-8	823-MW-8	Total/NA	Water	8260D	
MB 705-111210/7	Method Blank	Total/NA	Water	8260D	
LCS 705-111210/1001	Lab Control Sample	Total/NA	Water	8260D	
LCSD 705-111210/2	Lab Control Sample Dup	Total/NA	Water	8260D	
752-41318-7 MS	823-MW-7	Total/NA	Water	8260D	
752-41318-8 DU	823-MW-8	Total/NA	Water	8260D	

Analysis Batch: 111244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-9	823-MW-Dup	Total/NA	Water	8260D	
752-41318-10	Trip Blank	Total/NA	Water	8260D	
MB 705-111244/7	Method Blank	Total/NA	Water	8260D	
LCS 705-111244/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-111244/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	3511	
752-41318-2	823-MW-2	Total/NA	Water	3511	
752-41318-3	823-MW-3	Total/NA	Water	3511	
752-41318-4	823-MW-4	Total/NA	Water	3511	
752-41318-5	823-MW-5	Total/NA	Water	3511	
752-41318-6	823-MW-6	Total/NA	Water	3511	
752-41318-7	823-MW-7	Total/NA	Water	3511	
752-41318-8	823-MW-8	Total/NA	Water	3511	
752-41318-9	823-MW-Dup	Total/NA	Water	3511	
MB 400-737344/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737344/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737344/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 737416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	3511	
752-41318-2	823-MW-2	Total/NA	Water	3511	
752-41318-3	823-MW-3	Total/NA	Water	3511	
752-41318-4	823-MW-4	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 737416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-5	823-MW-5	Total/NA	Water	3511	
752-41318-6	823-MW-6	Total/NA	Water	3511	
752-41318-7	823-MW-7	Total/NA	Water	3511	
752-41318-8	823-MW-8	Total/NA	Water	3511	
752-41318-9	823-MW-Dup	Total/NA	Water	3511	
MB 400-737416/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737416/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737416/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 737544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	8270E	737416
752-41318-2	823-MW-2	Total/NA	Water	8270E	737416
752-41318-3	823-MW-3	Total/NA	Water	8270E	737416
752-41318-4	823-MW-4	Total/NA	Water	8270E	737416
752-41318-5	823-MW-5	Total/NA	Water	8270E	737416
752-41318-6	823-MW-6	Total/NA	Water	8270E	737416
752-41318-7	823-MW-7	Total/NA	Water	8270E	737416
752-41318-8	823-MW-8	Total/NA	Water	8270E	737416
752-41318-9	823-MW-Dup	Total/NA	Water	8270E	737416
MB 400-737416/1-A	Method Blank	Total/NA	Water	8270E	737416
LCS 400-737416/2-A	Lab Control Sample	Total/NA	Water	8270E	737416
LCSD 400-737416/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737416

Analysis Batch: 737625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	8270E	737344
752-41318-2	823-MW-2	Total/NA	Water	8270E	737344
752-41318-3	823-MW-3	Total/NA	Water	8270E	737344
752-41318-4	823-MW-4	Total/NA	Water	8270E	737344
752-41318-5	823-MW-5	Total/NA	Water	8270E	737344
752-41318-6	823-MW-6	Total/NA	Water	8270E	737344
752-41318-7	823-MW-7	Total/NA	Water	8270E	737344
752-41318-8	823-MW-8	Total/NA	Water	8270E	737344
752-41318-9	823-MW-Dup	Total/NA	Water	8270E	737344

Analysis Batch: 737629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-737344/1-A	Method Blank	Total/NA	Water	8270E	737344
LCS 400-737344/2-A	Lab Control Sample	Total/NA	Water	8270E	737344
LCSD 400-737344/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737344

HPLC/IC

Analysis Batch: 110490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-4	823-MW-4	Total/NA	Water	9056A	
752-41318-5	823-MW-5	Total/NA	Water	9056A	
752-41318-6	823-MW-6	Total/NA	Water	9056A	
752-41318-7	823-MW-7	Total/NA	Water	9056A	
752-41318-8	823-MW-8	Total/NA	Water	9056A	

HPLC/IC (Continued)

Analysis Batch: 110490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-9	823-MW-Dup	Total/NA	Water	9056A	
MB 705-110490/3	Method Blank	Total/NA	Water	9056A	
LCS 705-110490/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 110506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	9056A	
752-41318-2	823-MW-2	Total/NA	Water	9056A	
752-41318-3	823-MW-3	Total/NA	Water	9056A	
MB 705-110506/36	Method Blank	Total/NA	Water	9056A	
LCS 705-110506/37	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 110589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total Recoverable	Water	3005A	
752-41318-2	823-MW-2	Total Recoverable	Water	3005A	
752-41318-3	823-MW-3	Total Recoverable	Water	3005A	
752-41318-4	823-MW-4	Total Recoverable	Water	3005A	
752-41318-5	823-MW-5	Total Recoverable	Water	3005A	
752-41318-6	823-MW-6	Total Recoverable	Water	3005A	
752-41318-7	823-MW-7	Total Recoverable	Water	3005A	
752-41318-8	823-MW-8	Total Recoverable	Water	3005A	
MB 705-110589/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-110589/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 110717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-9	823-MW-Dup	Total Recoverable	Water	3005A	
MB 705-110717/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-110717/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-41318-9 MS	823-MW-Dup	Total Recoverable	Water	3005A	
752-41318-9 MSD	823-MW-Dup	Total Recoverable	Water	3005A	

Analysis Batch: 111277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total Recoverable	Water	6020B	110589
752-41318-2	823-MW-2	Total Recoverable	Water	6020B	110589
752-41318-3	823-MW-3	Total Recoverable	Water	6020B	110589
752-41318-4	823-MW-4	Total Recoverable	Water	6020B	110589
752-41318-5	823-MW-5	Total Recoverable	Water	6020B	110589
752-41318-6	823-MW-6	Total Recoverable	Water	6020B	110589
752-41318-7	823-MW-7	Total Recoverable	Water	6020B	110589
752-41318-8	823-MW-8	Total Recoverable	Water	6020B	110589
MB 705-110589/1-A	Method Blank	Total Recoverable	Water	6020B	110589
LCS 705-110589/2-A	Lab Control Sample	Total Recoverable	Water	6020B	110589

Analysis Batch: 111283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-9	823-MW-Dup	Total Recoverable	Water	6020B	110717

Metals (Continued)

Analysis Batch: 111283 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-110717/1-A	Method Blank	Total Recoverable	Water	6020B	110717
LCS 705-110717/2-A	Lab Control Sample	Total Recoverable	Water	6020B	110717
752-41318-9 MS	823-MW-Dup	Total Recoverable	Water	6020B	110717
752-41318-9 MSD	823-MW-Dup	Total Recoverable	Water	6020B	110717

Analysis Batch: 111328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-9	823-MW-Dup	Total Recoverable	Water	6020B	110717

Prep Batch: 111483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	7470A	
752-41318-2	823-MW-2	Total/NA	Water	7470A	
752-41318-3	823-MW-3	Total/NA	Water	7470A	
752-41318-4	823-MW-4	Total/NA	Water	7470A	
752-41318-5	823-MW-5	Total/NA	Water	7470A	
752-41318-6	823-MW-6	Total/NA	Water	7470A	
752-41318-7	823-MW-7	Total/NA	Water	7470A	
752-41318-8	823-MW-8	Total/NA	Water	7470A	
752-41318-9	823-MW-Dup	Total/NA	Water	7470A	
MB 705-111483/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-111483/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 111731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	7470A	111483
752-41318-2	823-MW-2	Total/NA	Water	7470A	111483
752-41318-3	823-MW-3	Total/NA	Water	7470A	111483
752-41318-4	823-MW-4	Total/NA	Water	7470A	111483
752-41318-5	823-MW-5	Total/NA	Water	7470A	111483
752-41318-6	823-MW-6	Total/NA	Water	7470A	111483
752-41318-7	823-MW-7	Total/NA	Water	7470A	111483
752-41318-8	823-MW-8	Total/NA	Water	7470A	111483
752-41318-9	823-MW-Dup	Total/NA	Water	7470A	111483
MB 705-111483/1-A	Method Blank	Total/NA	Water	7470A	111483
LCS 705-111483/2-A	Lab Control Sample	Total/NA	Water	7470A	111483

General Chemistry

Analysis Batch: 14679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	353.2	
752-41318-2	823-MW-2	Total/NA	Water	353.2	
752-41318-3	823-MW-3	Total/NA	Water	353.2	
752-41318-4	823-MW-4	Total/NA	Water	353.2	
752-41318-5	823-MW-5	Total/NA	Water	353.2	
752-41318-6	823-MW-6	Total/NA	Water	353.2	
752-41318-7	823-MW-7	Total/NA	Water	353.2	
752-41318-8	823-MW-8	Total/NA	Water	353.2	
752-41318-9	823-MW-Dup	Total/NA	Water	353.2	
MB 752-14679/10	Method Blank	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 14679 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 752-14679/64	Method Blank	Total/NA	Water	353.2	
LCS 752-14679/13	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14679/92	Lab Control Sample Dup	Total/NA	Water	353.2	
752-41318-1 MS	823-MW-1	Total/NA	Water	353.2	
752-41318-1 MSD	823-MW-1	Total/NA	Water	353.2	
752-41318-2 DU	823-MW-2	Total/NA	Water	353.2	

Analysis Batch: 14705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	350.1	
752-41318-2	823-MW-2	Total/NA	Water	350.1	
752-41318-3	823-MW-3	Total/NA	Water	350.1	
MB 752-14705/13	Method Blank	Total/NA	Water	350.1	
LCS 752-14705/14	Lab Control Sample	Total/NA	Water	350.1	
752-41318-3 MS	823-MW-3	Total/NA	Water	350.1	
752-41318-3 MSD	823-MW-3	Total/NA	Water	350.1	

Analysis Batch: 14718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-4	823-MW-4	Total/NA	Water	350.1	
752-41318-5	823-MW-5	Total/NA	Water	350.1	
752-41318-6	823-MW-6	Total/NA	Water	350.1	
752-41318-7	823-MW-7	Total/NA	Water	350.1	
752-41318-8	823-MW-8	Total/NA	Water	350.1	
752-41318-9	823-MW-Dup	Total/NA	Water	350.1	
MB 752-14718/13	Method Blank	Total/NA	Water	350.1	
LCS 752-14718/14	Lab Control Sample	Total/NA	Water	350.1	
752-41318-4 MS	823-MW-4	Total/NA	Water	350.1	
752-41318-4 MSD	823-MW-4	Total/NA	Water	350.1	

Analysis Batch: 888219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-41318-2	823-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41318-3	823-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-41318-4	823-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-41318-5	823-MW-5	Total/NA	Water	353.2-1993 R2.0	
752-41318-6	823-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-41318-7	823-MW-7	Total/NA	Water	353.2-1993 R2.0	
752-41318-8	823-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-41318-9	823-MW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-888219/40	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888219/41	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-41318-1 MS	823-MW-1	Total/NA	Water	353.2-1993 R2.0	
752-41318-1 MSD	823-MW-1	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 888222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-1	823-MW-1	Total/NA	Water	Nitrate by calc	
752-41318-2	823-MW-2	Total/NA	Water	Nitrate by calc	
752-41318-3	823-MW-3	Total/NA	Water	Nitrate by calc	

General Chemistry (Continued)

Analysis Batch: 888222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41318-4	823-MW-4	Total/NA	Water	Nitrate by calc	
752-41318-5	823-MW-5	Total/NA	Water	Nitrate by calc	
752-41318-6	823-MW-6	Total/NA	Water	Nitrate by calc	
752-41318-7	823-MW-7	Total/NA	Water	Nitrate by calc	
752-41318-8	823-MW-8	Total/NA	Water	Nitrate by calc	
752-41318-9	823-MW-Dup	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-1
Lab Sample ID: 752-41318-1
Date Collected: 01/22/26 10:05
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 18:41
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 02:08
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 19:07
Total/NA	Analysis	9056A		1	110506	MS	EET ATL 2	01/28/26 19:05
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 00:53
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 12:39
Total/NA	Analysis	350.1		1	14705	CB	EET RAL	01/29/26 13:26
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 15:59
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 18:47
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-2
Lab Sample ID: 752-41318-2
Date Collected: 01/22/26 11:35
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 19:03
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 02:37
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 19:37
Total/NA	Analysis	9056A		1	110506	MS	EET ATL 2	01/28/26 19:17
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 00:56
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 12:55
Total/NA	Analysis	350.1		1	14705	CB	EET RAL	01/29/26 13:28
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:24
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 18:53
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-3
Lab Sample ID: 752-41318-3
Date Collected: 01/22/26 10:40
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 19:24
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 03:07

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-3
Lab Sample ID: 752-41318-3
Date Collected: 01/22/26 10:40
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 20:07
Total/NA	Analysis	9056A		1	110506	MS	EET ATL 2	01/28/26 19:28
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 00:58
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 12:59
Total/NA	Analysis	350.1		1	14705	CB	EET RAL	01/29/26 13:59
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:26
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 18:55
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-4
Lab Sample ID: 752-41318-4
Date Collected: 01/22/26 12:35
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 19:46
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 03:37
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 20:37
Total/NA	Analysis	9056A		1	110490	MS	EET ATL	01/28/26 14:58
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 01:20
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 13:02
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 10:51
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:27
Total/NA	Analysis	353.2-1993 R2.0		2	888219	NVF	EET SAV	01/31/26 18:57
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5
Date Collected: 01/22/26 14:45
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 20:08
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 04:07
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 21:07
Total/NA	Analysis	9056A		1	110490	MS	EET ATL	01/28/26 15:10

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-5
Lab Sample ID: 752-41318-5
Date Collected: 01/22/26 14:45
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 01:23
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 13:06
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 10:56
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:28
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 19:00
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-6
Lab Sample ID: 752-41318-6
Date Collected: 01/22/26 14:15
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	110454	Y1S	EET ATL 1	01/28/26 20:29
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 04:36
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 21:37
Total/NA	Analysis	9056A		1	110490	MS	EET ATL	01/28/26 15:55
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 01:25
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 13:09
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 10:58
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:29
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 19:02
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7
Date Collected: 01/22/26 11:55
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111210	Y1S	EET ATL	01/31/26 05:38
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 05:06
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 22:07
Total/NA	Analysis	9056A		1	110490	MS	EET ATL	01/28/26 16:07
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 01:28
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 13:13

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-7
Lab Sample ID: 752-41318-7
Date Collected: 01/22/26 11:55
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 11:00
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:30
Total/NA	Analysis	353.2-1993 R2.0		20	888219	NVF	EET SAV	01/31/26 19:08
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-8
Lab Sample ID: 752-41318-8
Date Collected: 01/22/26 13:00
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111210	Y1S	EET ATL	01/31/26 04:48
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 05:36
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 22:37
Total/NA	Analysis	9056A		1	110490	MS	EET ATL	01/28/26 16:18
Total Recoverable	Prep	3005A			110589	SA	EET ATL	01/28/26 14:22
Total Recoverable	Analysis	6020B		1	111277	TT	EET ATL	01/31/26 01:31
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 13:16
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 11:01
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:31
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 19:11
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9
Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	02/01/26 00:24
Total/NA	Prep	3511			737416	JPH	EET PEN	01/26/26 13:29
Total/NA	Analysis	8270E		1	737544	LWL	EET PEN	01/28/26 06:05
Total/NA	Prep	3511			737344	JPH	EET PEN	01/24/26 13:18
Total/NA	Analysis	8270E		1	737625	S1B	EET PEN	01/28/26 23:07
Total/NA	Analysis	9056A		1	110490	MS	EET ATL	01/28/26 16:29
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 07:45
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 03:46
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 07:45
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 13:50
Total/NA	Prep	7470A			111483	KB	EET ATL	02/03/26 08:55
Total/NA	Analysis	7470A		1	111731	GR	EET ATL	02/03/26 13:19
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 11:03

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-MW-Dup
Lab Sample ID: 752-41318-9

Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	14679	CB	EET RAL	01/23/26 16:32
Total/NA	Analysis	353.2-1993 R2.0		1	888219	NVF	EET SAV	01/31/26 19:13
Total/NA	Analysis	Nitrate by calc		1	888222	ALG	EET SAV	02/02/26 13:56

Client Sample ID: Trip Blank
Lab Sample ID: 752-41318-10

Date Collected: 01/22/26 00:00
Matrix: Water
Date Received: 01/22/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 18:09

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-26

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-26

Method Summary

Client: S&ME Inc
Job ID: 752-41318-1
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 Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2	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
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

Client: S&ME Inc
Job ID: 752-41318-1
Project/Site: East End Park, Durham, NC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41318-1	823-MW-1	Water	01/22/26 10:05	01/22/26 16:00	North Carolina
752-41318-2	823-MW-2	Water	01/22/26 11:35	01/22/26 16:00	North Carolina
752-41318-3	823-MW-3	Water	01/22/26 10:40	01/22/26 16:00	North Carolina
752-41318-4	823-MW-4	Water	01/22/26 12:35	01/22/26 16:00	North Carolina
752-41318-5	823-MW-5	Water	01/22/26 14:45	01/22/26 16:00	North Carolina
752-41318-6	823-MW-6	Water	01/22/26 14:15	01/22/26 16:00	North Carolina
752-41318-7	823-MW-7	Water	01/22/26 11:55	01/22/26 16:00	North Carolina
752-41318-8	823-MW-8	Water	01/22/26 13:00	01/22/26 16:00	North Carolina
752-41318-9	823-MW-Dup	Water	01/22/26 00:00	01/22/26 16:00	North Carolina
752-41318-10	Trip Blank	Water	01/22/26 00:00	01/22/26 16:00	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: Chy Fairchild	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170035-59846.1
Client Contact: Jerry Paul	Phone: 843-503-1042	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page:
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
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
S - H2SO4
A - HCL
D - HNO3
Other: 752-41318 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D6 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
823-MW-1	1-22-26	1005	G	W			✓	✓	✓	✓	✓	✓	✓		
823-MW-2		1135					✓	✓	✓	✓	✓	✓	✓		
823-MW-3		1040					✓	✓	✓	✓	✓	✓	✓		
823-MW-4		1235					✓	✓	✓	✓	✓	✓	✓		
823-MW-5		1445					✓	✓	✓	✓	✓	✓	✓		
823-MW-6		1415					✓	✓	✓	✓	✓	✓	✓		
823-MW-7		1155					✓	✓	✓	✓	✓	✓	✓		
823-MW-8		1300					✓	✓	✓	✓	✓	✓	✓		
823-MW-DUP		—					✓	✓	✓	✓	✓	✓	✓		

Initial Temperature: 3.7, 2.8 °C
Correction Factor: -0.3°C
Corrected Temperature: 3.4, 2.5 °C
Temp IR Gun: CRY-T-132
Initials: (RY) BR PG DW DO HH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1-22-26 1600		[signature]	1/22/26 1600	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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: 752-7804 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 #: 752-41318-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/2/2026			
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-MW-1 (752-41318-1)	1/22/26	10:05 Eastern	G	Water			X	X	5	
823-MW-2 (752-41318-2)	1/22/26	11 35 Eastern	G	Water			X	X	5	
823-MW-3 (752-41318-3)	1/22/26	10.40 Eastern	G	Water			X	X	5	
823-MW-4 (752-41318-4)	1/22/26	12.35 Eastern	G	Water			X	X	5	
823-MW-5 (752-41318-5)	1/22/26	14 45 Eastern	G	Water			X	X	5	
823-MW-6 (752-41318-6)	1/22/26	14 15 Eastern	G	Water			X	X	5	
823-MW-7 (752-41318-7)	1/22/26	11 55 Eastern	G	Water			X	X	5	
823-MW-8 (752-41318-8)	1/22/26	13 00 Eastern	G	Water			X	X	5	
823-MW-Dup (752-41318-9)	1/22/26	Eastern	G	Water			X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	TG	1/22/26 16:30			1/23/26 0935	
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: 1.3°C IR11

Ver: 10/10/2024

XS PNSA

TRK# 4965 1025 3550 0201

PRIORITY OVERNIGHT

FRI - 23 JAN 10:30A

32514 FL-US BEM

FedEx Express

ORIGIN ID:SOPA (919) 467-3090
HAYLEIGH HODGE
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US

SHIP DATE: 22JAN26
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953

BILL SENDER

TO EUROFINS-PENSACOLA
EUROFINS-PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325147045

Ref # 159469-434 RRDB2 EXP 11/26

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.: 752-7815 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin: North Carolina	Page: Page 1 of 1
Company: Eurofins Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41318-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/2/2026			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31405				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
823-MW-1 (752-41318-1)	1/22/26	10 05 Eastern	G	Water			X	X	1	
823-MW-2 (752-41318-2)	1/22/26	11 35 Eastern	G	Water			X	X	1	
823-MW-3 (752-41318-3)	1/22/26	10 40 Eastern	G	Water			X	X	1	
823-MW-4 (752-41318-4)	1/22/26	12.35 Eastern	G	Water			X	X	1	
823-MW-5 (752-41318-5)	1/22/26	14 45 Eastern	G	Water			X	X	1	
823-MW-6 (752-41318-6)	1/22/26	14 15 Eastern	G	Water			X	X	1	
823-MW-7 (752-41318-7)	1/22/26	11 55 Eastern	G	Water			X	X	1	
823-MW-8 (752-41318-8)	1/22/26	13 00 Eastern	G	Water			X	X	1	
823-MW-Dup (752-41318-9)	1/22/26	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
1		01/27/26 1700			1/31/26 1105	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: 0-8\0 8

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: 752-7811 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 #: 752-41318-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/2/2026			Preservation Codes: -
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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)	8260D_LL/5030BVOC NC 02L List	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
823-MW-1 (752-41318-1)	1/22/26	10 05 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-2 (752-41318-2)	1/22/26	11 35 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-3 (752-41318-3)	1/22/26	10 40 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-4 (752-41318-4)	1/22/26	12 35 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-5 (752-41318-5)	1/22/26	14 45 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-6 (752-41318-6)	1/22/26	14 15 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-7 (752-41318-7)	1/22/26	11 55 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-8 (752-41318-8)	1/22/26	13 00 Eastern	G	Water			X	X	X	X	5	Sulfate only
823-MW-Dup (752-41318-9)	1/22/26	Eastern	G	Water			X	X	X	X	5	Sulfate only

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time: 01/27/26 1700	Company	Received by:	Date/Time: 1/28/26 10:11	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 0.9°, 1.4°, 1.5°, 0.5°, 1.1° #2927

Ver: 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7811 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 #: 752-41318-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/2/2026			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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)	8260D_LL/5030BVOC NC 02L List	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	9056A_ORGFM_28DSulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
Trip Blank (752-41318-10)	1/22/26	Eastern	G	Water			X				2	

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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		01/26/26 1700			1/23/26 10:11	
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: 0.9°, 1.4°, 1.5°, 0.5°, 1.1° #202

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41318-1

Login Number: 41318

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: 752-41318-1

Login Number: 41318
List Number: 3
Creator: Sims, Christion

List Source: Eurofins Atlanta
List Creation: 01/28/26 11:46 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41318-1

Login Number: 41318
List Number: 2
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 01/23/26 03:24 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	1.3°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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41318-1

Login Number: 41318
List Number: 4
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 01/31/26 11:26 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	

EMSL Analytical, Inc.

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AE07088-01	823-LFGP-1	Air	01/22/2026	01/23/2026
AE07088-02	823-LFGP-2	Air	01/22/2026	01/23/2026
AE07088-03	823-LFGP-3	Air	01/22/2026	01/23/2026
AE07088-04	823-LFGP-4	Air	01/22/2026	01/23/2026
AE07088-05	823-LFGP-5	Air	01/22/2026	01/23/2026
AE07088-06	823-LFGP-6	Air	01/22/2026	01/23/2026
AE07088-07	823-LFGP-7	Air	01/22/2026	01/23/2026
AE07088-08	823-LFGP-8	Air	01/22/2026	01/23/2026
AE07088-09	823-LFGP-9	Air	01/22/2026	01/23/2026
AE07088-10	823-LFGP-10	Air	01/22/2026	01/23/2026
AE07088-11	823-LFGP-DUP	Air	01/22/2026	01/23/2026

Owen McKenna Laboratory Manager or other approved signatory

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

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

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

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.

Initial Calibration:
All acceptance criteria were met.

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

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

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

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

Sample Duplicate:
All acceptance criteria were met.

EMSL Analytical, Inc.

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

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: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-01
Customer Sample ID: 823-LFGP-1
Collected: 01/22/2026 14:45
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 15:29	BEA2521	R1859.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	01/23/26 15:29	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-02
Customer Sample ID: 823-LFGP-2
Collected: 01/22/2026 14:35
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 15:56	BEA2521	R1861.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	01/23/26 15:56	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

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Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-03
Customer Sample ID: 823-LFGP-3
Collected: 01/22/2026 14:40
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 16:10	BEA2521	R1862.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	01/23/26 16:10	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

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.

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EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

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S&ME, Inc. [SMEI60]
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(919) 872-2660
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Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-04
Customer Sample ID: 823-LFGP-4
Collected: 01/22/2026 14:30
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 16:24	BEA2521	R1863.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	01/23/26 16:24	
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.

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EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

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(919) 872-2660
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Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-05
Customer Sample ID: 823-LFGP-5
Collected: 01/22/2026 14:10
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 16:38	BEA2521	R1864.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	01/23/26 16:38	
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 Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

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Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-06
Customer Sample ID: 823-LFGP-6
Collected: 01/22/2026 14:15
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 16:52	BEA2521	R1865.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	01/23/26 16:52	
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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EMSL Analytical, Inc.

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EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

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jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-07
Customer Sample ID: 823-LFGP-7
Collected: 01/22/2026 14:20
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 17:06	BEA2521	R1866.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	01/23/26 17:06	
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.

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-08
Customer Sample ID: 823-LFGP-8
Collected: 01/22/2026 14:00
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 17:19	BEA2521	R1867.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	01/23/26 17:19	
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**

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

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

Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-09
Customer Sample ID: 823-LFGP-9
Collected: 01/22/2026 13:50
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 17:33	BEA2521	R1868.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	01/23/26 17:33	
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**

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EMSL-CIN-01

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
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jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-10
Customer Sample ID: 823-LFGP-10
Collected: 01/22/2026 13:55
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 17:46	BEA2521	R1869.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	01/23/26 17:46	
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: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

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jpaul@smeinc.com

Project Name: City of Durham Parks-23050630 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

EMSL Sample ID: AE07088-11
Customer Sample ID: 823-LFGP-DUP
Collected: 01/22/2026 00:00
Received: 01/23/2026 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/23/26 18:13	BEA2521	R1871.D	823-LFGP-DUP	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	01/23/26 18:13	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
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 East End Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/23/2026 09:30
Reported: 03/02/2026 14:10

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.

AE07088

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event Chain of Custody

EMSL Order Number / Lab Use Only

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

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 23 A 8:53

Customer Information

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

Billing Information

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

Project Name/No: City of Durham Parks - 23050630 ~~Ph D (Northgate Park 825RI-9)~~

Purchase Order:

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

US State where samples collected: NC

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

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No

Other (Specify)

PWS ID:

State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☑ CLIENT

Samples Received Chilled? ☐ ☐ No

Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: Madison Allen

Sampled By Signature: Madison Allen

Sampler ID#: (if applicable)

No. Samples in Shipment:

Turn-Around-Time (TAT)

Standard Turn-Around-Time: ☑ 2 Weeks

The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
823-LFGP-1	☐	☒	1/22/26 1445	A		X								Low Level H2S
823-LFGP-2	☐	☒	1435			X								
823-LFGP-3	☐	☒	1440			X								
823-LFGP-4	☐	☒	1430			X								

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

please use 14 ng/m3 MDL NCDEQ EDD

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:	Date/Time: 1-22-26 1615	Received by: Shelbell EFX	Date/Time 1/23/26 0930
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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

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

SAH

AE07088

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected 1-22-26	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
823-LFGP-5	☐	☐	1410			X								low level H2S
823-LFGP-6	☐	☐	1415			X								
823-LFGP-7	☐	☐	1420			X								
823-LFGP-8	☐	☐	1400			X								
823-LFGP-9	☐	☐	1350			X								
823-LFGP-10	☐	☐	1355			X								
823-LFGP-DUP	☐	☐	—			X								
	☐	☐												
	☐	☐												

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 23 A 8:53

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by: | Date/Time:

Received by: Steelcase E-FX | Date/Time 1/23/26 0930

Relinquished by: | Date/Time:

Received by: | Date/Time

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

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

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AE07088

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event Chain of Custody

EMSL Order Number / Lab Use Only

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

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 23 A 8:53

Customer Information

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

Billing Information

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

Project Name/No: City of Durham Parks - 23050630 ~~Ph D (Northgate Park 825RI-9)~~

Purchase Order:

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

US State where samples collected: NC

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

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No

Other (Specify)

PWS ID:

State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☑ CLIENT

Samples Received Chilled? ☐ ☐ No

Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: Madison Allen

Sampled By Signature: Madison Allen

Sampler ID#: (if applicable)

No. Samples in Shipment:

Turn-Around-Time (TAT)

Standard Turn-Around-Time: ☑ 2 Weeks

The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
823-LFGP-1	☐	X	1/22/26 1445	A		X								Low Level H2S
823-LFGP-2	☐	X	1435			X								
823-LFGP-3	☐	X	1440			X								
823-LFGP-4	☐	X	1430			X								

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

please use 14 ug/m3 MDL NCDEQ EDD

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:	Date/Time: 1-22-26 1615	Received by: Shemekia EFX	Date/Time 1/23/26 0930
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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

AE07088

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected 1-22-26	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
823-LFGP-5	☐	☐	1410			X								low level H2S
823-LFGP-6	☐	☐	1415			X								
823-LFGP-7	☐	☐	1420			X								
823-LFGP-8	☐	☐	1400			X								
823-LFGP-9	☐	☐	1350			X								
823-LFGP-10	☐	☐	1355			X								
823-LFGP-DUP	☐	☐	—			X								
	☐	☐												
	☐	☐												

RECEIVED
EMSL
CINNAMINSON, NJ
2026 JAN 23 A 8:53

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by: | Date/Time:

Received by: Steelcase E-FX | Date/Time 1/23/26 0930

Relinquished by: | Date/Time:

Received by: | Date/Time

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

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

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

SAMPLE RECEIPT CONFIRMATION

Project: **_Master Project-SMEI60**
Customer PO:

Project Number: **City of Durham Parks-23050630 East End Park**
EMSL Project Manager: **Jason McDonald**

Printed: 01/23/2026 10:45 am

Dear Client

EMSL Analytical, Inc. is currently upgrading to a new database system and during the transition we ask you review the receipt confirmation carefully to ensure you do not see any errors in the login. The format of the confirmations is different so if you see any display issues, please let us know.

Report To:
S&ME, Inc. [SMEI60]
Gerald Paul
3201 Spring Forest Road
Raleigh, NC 27616
Phone: (919) 872-2660
Fax: (919) 790-9827

Invoice To:
S&ME, Inc. [SMEI60]
Janet Phillips
3201 Spring Forest Road
Raleigh, NC 27616
Phone: (919) 872-2660
Fax: (919) 790-9827

Date Logged In: 01/23/2026 10:39 AM
Date Received: 01/23/2026 09:30 AM
Logged In By: Sandra Rahmel
Received By: Sharyn Hewlett

Customer Sample		EMSL Sample ID		LIMS Sample ID
823-LFGP-1		012607088-01		AE07088-01
Test / Method	Matrix	Sampled Date/Time	Turnaround	Due Date/Time
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:45	2 Week (EOD)	02/06/26 18:00
823-LFGP-2		012607088-02		AE07088-02
Test / Method	Matrix	Sampled Date/Time	Turnaround	Due Date/Time
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:35	2 Week (EOD)	02/06/26 18:00
823-LFGP-3		012607088-03		AE07088-03
Test / Method	Matrix	Sampled Date/Time	Turnaround	Due Date/Time
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:40	2 Week (EOD)	02/06/26 18:00
823-LFGP-4		012607088-04		AE07088-04
Test / Method	Matrix	Sampled Date/Time	Turnaround	Due Date/Time
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:30	2 Week (EOD)	02/06/26 18:00
823-LFGP-5		012607088-05		AE07088-05
Test / Method	Matrix	Sampled Date/Time	Turnaround	Due Date/Time
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:10	2 Week (EOD)	02/06/26 18:00
823-LFGP-6		012607088-06		AE07088-06
Test / Method	Matrix	Sampled Date/Time	Turnaround	Due Date/Time
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:15	2 Week (EOD)	02/06/26 18:00

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

EMSL Order ID: 012607088
LIMS Reference ID: AE07088
EMSL Customer ID: SMEI60

SAMPLE RECEIPT CONFIRMATION

Project: **_Master Project-SMEI60**
Customer PO:

Project Number: **City of Durham Parks-23050630 East End Park**
EMSL Project Manager: **Jason McDonald**

Printed: 01/23/2026 10:45 am

(Continued)

Dear Client

EMSL Analytical, Inc. is currently upgrading to a new database system and during the transition we ask you review the receipt confirmation carefully to ensure you do not see any errors in the login. The format of the confirmations is different so if you see any display issues, please let us know.

Customer Sample		EMSL Sample ID		LIMS Sample ID
823-LFGP-7		012607088-07		AE07088-07
Test / Method	**Matrix**	**Sampled Date/Time**	**Turnaround**	**Due Date/Time**
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:20	2 Week (EOD)	02/06/26 18:00
823-LFGP-8		012607088-08		AE07088-08
Test / Method	**Matrix**	**Sampled Date/Time**	**Turnaround**	**Due Date/Time**
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 14:00	2 Week (EOD)	02/06/26 18:00
823-LFGP-9		012607088-09		AE07088-09
Test / Method	**Matrix**	**Sampled Date/Time**	**Turnaround**	**Due Date/Time**
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 13:50	2 Week (EOD)	02/06/26 18:00
823-LFGP-10		012607088-10		AE07088-10
Test / Method	**Matrix**	**Sampled Date/Time**	**Turnaround**	**Due Date/Time**
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 13:55	2 Week (EOD)	02/06/26 18:00
823-LFGP-DUP		012607088-11		AE07088-11
Test / Method	**Matrix**	**Sampled Date/Time**	**Turnaround**	**Due Date/Time**
49-Hydrogen Sulfide by ASTM D5504	Air	01/22/26 00:00	2 Week (EOD)	02/06/26 18:00

EMSL Analytical, Inc.

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

EMSL Order ID: 012607619
LIMS Reference ID: AE07619
EMSL Customer ID: SMEI60

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

Project Name: 23050630 - City of Durham Parks, East End Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:23

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 823 - LFGP - 1/East End Park			**Lims Reference ID:**	**AE07619-01**	**Matrix: Tubes**				**Sampled: 01/22/26 11:07:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 13:59	CZX	NIOSH 6009
Sample: 823 - LFGP - 2/East End Park			**Lims Reference ID:**	**AE07619-02**	**Matrix: Tubes**				**Sampled: 01/22/26 10:53:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:01	CZX	NIOSH 6009
Sample: 823 - LFGP - 3/East End Park			**Lims Reference ID:**	**AE07619-03**	**Matrix: Tubes**				**Sampled: 01/22/26 10:59:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:12	CZX	NIOSH 6009
Sample: 823 - LFGP - 4/East End Park			**Lims Reference ID:**	**AE07619-04**	**Matrix: Tubes**				**Sampled: 01/22/26 10:51:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:15	CZX	NIOSH 6009
Sample: 823 - LFGP - 5/East End Park			**Lims Reference ID:**	**AE07619-05**	**Matrix: Tubes**				**Sampled: 01/22/26 12:15:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:17	CZX	NIOSH 6009
Sample: 823 - LFGP - 6/East End Park			**Lims Reference ID:**	**AE07619-06**	**Matrix: Tubes**				**Sampled: 01/22/26 12:12:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:20	CZX	NIOSH 6009
Sample: 823 - LFGP - 7/East End Park			**Lims Reference ID:**	**AE07619-07**	**Matrix: Tubes**				**Sampled: 01/22/26 12:16:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:22	CZX	NIOSH 6009
Sample: 823 - LFGP - 8/East End Park			**Lims Reference ID:**	**AE07619-08**	**Matrix: Tubes**				**Sampled: 01/22/26 12:45:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:25	CZX	NIOSH 6009
Sample: 823 - LFGP - 9/East End Park			**Lims Reference ID:**	**AE07619-09**	**Matrix: Tubes**				**Sampled: 01/22/26 12:30:00**

EMSL Analytical, Inc.

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

EMSL Order ID: 012607619
LIMS Reference ID: AE07619
EMSL Customer ID: SMEI60

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

Project Name: 23050630 - City of Durham Parks, East End Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:23

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 823 - LFGP - 9/East End Park (Continued)			**Lims Reference ID:**	**AE07619-09**	**Matrix: Tubes**				**Sampled: 01/22/26 12:30:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:27	CZX	NIOSH 6009
Sample: 823 - LFGP - 10/East End Park			**Lims Reference ID:**	**AE07619-10**	**Matrix: Tubes**				**Sampled: 01/22/26 12:34:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:30	CZX	NIOSH 6009
Sample: 823 - LFGP - DUP - 1/East End Park			**Lims Reference ID:**	**AE07619-11**	**Matrix: Tubes**				**Sampled: 01/22/26 10:51:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/10/26 12:40	02/11/26 14:32	CZX	NIOSH 6009

EMSL Analytical, Inc.

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

EMSL Order ID: 012607619
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EMSL Customer ID: SMEI60

Attention: Gerald Paul
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Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: 23050630 - City of Durham Parks, East End Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:23

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	A2LA,AIHA LAP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2026
NYSDOH	New York State Department of Health ELAP	10872	04/01/2026
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2026
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2026
CTDPH	Connecticut Department of Public Health	PH-0270	06/30/2026
California ELAP	California Water Boards	1877	06/30/2026
AIHA LAP	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026
21-A2LA	A2LA Food Chem/Mat Sci	2845.15	07/31/2026

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012607619
LIMS Reference ID: AE07619
EMSL Customer ID: SMEI60

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

Project Name: 23050630 - City of Durham Parks, East End Park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:23

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AE07619

200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: c@emsl.com

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

Customer Information

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

Billing Information

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

Project Name/No: 23050630 - City of Durham Parks, East End Park
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NC
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Media Type: Air
Media Manufacturer/ Part Number:
Media Lot Number:
Sampled By Name: Madison Allen
Sampled By Signature: Madison Allen
No. Samples in Shipment:

Turnaround Time (TAT) Options - Please check: (If no selection made, Standard 2 Week (EOD) TAT will apply)
☒ 2 Week ☐ 1 Week ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other (Call Lab)

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
823-LF6P-1	East End Park	NIOSH 6009 mercury	Sorbent tube	0.25	1107	1207		☐ Area ☐ Personal	1/22/26	
823-LF6P-2					1053	1153		☐ Area ☐ Personal		
823-LF6P-3					1059	1159		☐ Area ☐ Personal		
823-LF6P-4					1051	1151		☐ Area ☐ Personal		
823-LF6P-5					1215	1315		☐ Area ☐ Personal		
823-LF6P-6					1212	1312		☐ Area ☐ Personal		
823-LF6P-7					1216	1316		☐ Area ☐ Personal		
823-LF6P-8					1245	1345		☐ Area ☐ Personal		

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

Method of Shipment: Fedex
Sample Condition Upon Receipt:
Relinquished by: Madison Allen
Date/Time: 1/27/26 1230
Received by: L Donnelly (EFx)
Date/Time: 1/29/26 10:20a
Relinquished by:
Date/Time:
Received by:
Date/Time

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

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EMSL Order Number / Lab Use Only

AE07619

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
823-LF6P-9	East End Park	NIOSH 6009 mercury	Sorbent tube	0.25	1230	1330		☐ Area ☐ Personal	1/22/26	
823-LF6P-10	↓	↓	↓	↓	1234	1334		☐ Area ☐ Personal	↓	
823-LF6P-DUP-1	↓	↓	↓	↓	1051	1151		☐ Area ☐ Personal	↓	
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
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								☐ Area ☐ Personal		

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by: [signature] Date/Time: 1/27/26 1230

Received by: [signature] (EFS) Date/Time: 1/29/26 10:20a

Relinquished by: Date/Time:

Received by: Date/Time:

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

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

Billing Information

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

Project Name/No: 23050630 - City of Durham Parks, East End Park
Purchase Order:

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

Media Type: Air
Media Manufacturer/ Part Number:
Media Lot Number:

Sampled By Name: Madison Allen
Sampled By Signature: Madison Allen
No. Samples in Shipment:

Turnaround Time (TAT) Options - Please check: (If no selection made, Standard 2 Week (EOD) TAT will apply)
☒ 2 Week ☐ 1 Week ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other (Call Lab)

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
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823-LF6P-2					1053	1153		☐ Area ☐ Personal		
823-LF6P-3					1059	1159		☐ Area ☐ Personal		
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823-LF6P-5					1215	1315		☐ Area ☐ Personal		
823-LF6P-6					1212	1312		☐ Area ☐ Personal		
823-LF6P-7					1216	1316		☐ Area ☐ Personal		
823-LF6P-8					1245	1345		☐ Area ☐ Personal		

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

Method of Shipment: Fedex
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Date/Time

21.4°C

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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
823-LFGP-9	East End Park	NIOSH 6009 mercury	Sorbent tube	0.25	1230	1330		☐ Area ☐ Personal	1/22/26	
823-LFGP-10	↓	↓	↓	↓	1234	1334		☐ Area ☐ Personal	↓	
823-LFGP-DUP-1	↓	↓	↓	↓	1051	1151		☐ Area ☐ Personal	↓	
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
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								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

Method of Shipment: Fedex

Sample Condition Upon Receipt:

Relinquished by: [signature] Date/Time: 1/27/26 1230

Received by: [signature] (EFS) Date/Time: 1/29/26 10:20a

Relinquished by: Date/Time:

Received by: Date/Time

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/16/2026 9:40:12 AM

JOB DESCRIPTION

East End Park, Durham. NC

JOB NUMBER

752-41545-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

Generated
2/16/2026 9:40:12 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: 752-41545-1
Project/Site: East End Park, Durham. NC

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable 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.
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.

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
752-41545-1

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 2/3/2026 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 2.3°C.

GC/MS VOA
Method 8260D: Internal standard responses were outside of acceptance limits for the following sample: 823-SED-2 (752-41545-2). The samples shows evidence of matrix interference.

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

GC/MS Semi VOA
Method 8270E: The following samples were diluted due to the nature of the sample matrix: 823-SED-2 (752-41545-2), (752-41545-D-2-B MS) and (752-41545-D-2-C MSD). Elevated reporting limits (RLs) are provided.

Method 8270E: The laboratory control sample (LCS) for preparation batch 400-738616 and analytical batch 400-738844 recovered outside control limits for the following analyte: Hexachloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. .

Method 8270E: The following samples were diluted due to the nature of the sample matrix: 823-SED-5 (752-41545-5), 823-SED-6 (752-41545-6), 823-SED-7 (752-41545-7), 823-SED-8 (752-41545-8), 823-SED-9 (752-41545-9) and 823-SED-Dup (752-41545-10). Elevated reporting limits (RLs) are provided.

Method 8270E SIM ID: The following samples were diluted due to the nature of the sample matrix: 823-SED-1 (752-41545-1), 823-SED-2 (752-41545-2), 823-SED-3 (752-41545-3), 823-SED-4 (752-41545-4), 823-SED-5 (752-41545-5), 823-SED-6 (752-41545-6), 823-SED-7 (752-41545-7), 823-SED-8 (752-41545-8), 823-SED-9 (752-41545-9) and 823-SED-Dup (752-41545-10). Elevated reporting limits (RLs) are provided.

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

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

Metals
Method 6020B: The method blank for preparation batch 705-112875 and analytical batch 705-113482 contained Copper, Nickel and Vanadium above the method detection limit (MDL). These target analyte concentrations were less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

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: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.0112		0.00868	0.00868	mg/Kg	5	☼	8270E SIM ID	Total/NA
Anthracene	0.219	J	0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	1.00		0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	1.03		0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.62		0.949	0.00403	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.816	J	0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.522	J	0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Carbazole	0.121	J	0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Chrysene	1.17		0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.180	J	0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	2.32		0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.807	J	0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.992		0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Pyrene	1.81		0.949	0.0949	mg/Kg	2	☼	8270E	Total/NA
Sulfate	30.6		14.7	14.4	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.07	F1 F2	0.511	0.0456	mg/Kg	5	☼	6020B	Total/NA
Barium	23.0	F1 F2	2.13	0.0121	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.211	J	0.426	0.0299	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.159	J	0.426	0.0139	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.25	F1 F2	0.852	0.175	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.42		0.639	0.0241	mg/Kg	5	☼	6020B	Total/NA
Copper	15.0	B F1	0.426	0.0443	mg/Kg	5	☼	6020B	Total/NA
Lead	30.0	F1 F2	0.426	0.0503	mg/Kg	5	☼	6020B	Total/NA
Manganese	117		0.852	0.0524	mg/Kg	5	☼	6020B	Total/NA
Nickel	14.5	B	0.852	0.0223	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.397	J	2.13	0.151	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0775	J	0.213	0.00247	mg/Kg	5	☼	6020B	Total/NA
Vanadium	15.4	B F1 F2	0.852	0.107	mg/Kg	5	☼	6020B	Total/NA
Zinc	72.2		2.13	1.77	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	1.78	F1	1.46	0.467	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.0109		0.00852	0.00852	mg/Kg	5	☼	8270E SIM ID	Total/NA
Acenaphthene	0.124	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Anthracene	0.249	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	0.998		0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	1.01		0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.42		0.933	0.00396	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.675	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.544	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Carbazole	0.140	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Chrysene	1.04		0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.174	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	1.88	F1	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.693	J	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	1.05		0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Pyrene	1.53	F1	0.933	0.0933	mg/Kg	2	☼	8270E	Total/NA
Sulfate	42.4		14.4	14.2	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.786		0.523	0.0466	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 823-SED-2 (Continued)
Lab Sample ID: 752-41545-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	30.3		2.18	0.0123	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.193	J	0.436	0.0306	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.209	J	0.436	0.0142	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.01		0.872	0.180	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.43		0.654	0.0247	mg/Kg	5	☼	6020B	Total/NA
Copper	12.9	B	0.436	0.0453	mg/Kg	5	☼	6020B	Total/NA
Lead	38.2		0.436	0.0514	mg/Kg	5	☼	6020B	Total/NA
Manganese	135		0.872	0.0536	mg/Kg	5	☼	6020B	Total/NA
Nickel	12.7	B	0.872	0.0228	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.535	J	2.18	0.155	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0284	J	0.218	0.00253	mg/Kg	5	☼	6020B	Total/NA
Vanadium	13.8	B	0.872	0.109	mg/Kg	5	☼	6020B	Total/NA
Zinc	82.9		2.18	1.81	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.419	J	1.34	0.134	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00947		0.00770	0.00770	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0323	J	0.413	0.00175	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.61	J	3.24	0.940	mg/Kg	1	☼	9056A	Soluble
Sulfate	22.3		13.0	12.7	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.97		0.420	0.0374	mg/Kg	5	☼	6020B	Total/NA
Barium	86.6		1.75	0.00990	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.399		0.350	0.0245	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0783	J	0.350	0.0114	mg/Kg	5	☼	6020B	Total/NA
Chromium	16.9		0.700	0.144	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.51		0.525	0.0198	mg/Kg	5	☼	6020B	Total/NA
Copper	8.97	B	0.350	0.0364	mg/Kg	5	☼	6020B	Total/NA
Lead	11.0		0.350	0.0413	mg/Kg	5	☼	6020B	Total/NA
Manganese	93.9		0.700	0.0430	mg/Kg	5	☼	6020B	Total/NA
Nickel	10.3	B	0.700	0.0183	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.940	J	1.75	0.124	mg/Kg	5	☼	6020B	Total/NA
Silver	0.00443	J	0.175	0.00203	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0924	J	0.490	0.0295	mg/Kg	5	☼	6020B	Total/NA
Vanadium	34.7	B	0.700	0.0878	mg/Kg	5	☼	6020B	Total/NA
Zinc	33.1		1.75	1.45	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.171	J	1.19	0.119	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00936		0.00835	0.00835	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.175	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.193	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.284	J	0.446	0.00189	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.161	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0961	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.221	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.369	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.147	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.184	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-4 (Continued)
Lab Sample ID: 752-41545-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.320	J	0.446	0.0446	mg/Kg	1	☼	8270E	Total/NA
Sulfate	42.2		13.9	13.7	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.70		0.548	0.0488	mg/Kg	5	☼	6020B	Total/NA
Barium	120		2.28	0.0129	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.573		0.456	0.0320	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.194	J	0.456	0.0149	mg/Kg	5	☼	6020B	Total/NA
Chromium	31.9		0.913	0.188	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.84		0.685	0.0258	mg/Kg	5	☼	6020B	Total/NA
Copper	19.8	B	0.456	0.0475	mg/Kg	5	☼	6020B	Total/NA
Lead	42.5		0.456	0.0539	mg/Kg	5	☼	6020B	Total/NA
Manganese	150		0.913	0.0561	mg/Kg	5	☼	6020B	Total/NA
Nickel	23.7	B	0.913	0.0239	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.873	J	2.28	0.162	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0378	J	0.228	0.00265	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0970	J	0.639	0.0385	mg/Kg	5	☼	6020B	Total/NA
Vanadium	36.6	B	0.913	0.115	mg/Kg	5	☼	6020B	Total/NA
Zinc	52.7		2.28	1.89	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0506	J	0.140	0.0205	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.802	J	1.40	0.140	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00982		0.00795	0.00795	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.134	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	0.155	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.250	J	0.876	0.00372	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.138	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Chrysene	0.179	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.301	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.125	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.0915	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.267	J	0.876	0.0876	mg/Kg	2	☼	8270E	Total/NA
Sulfate	33.6		13.3	13.0	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.508		0.496	0.0442	mg/Kg	5	☼	6020B	Total/NA
Barium	15.2		2.06	0.0117	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0914	J	0.413	0.0289	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0798	J	0.413	0.0135	mg/Kg	5	☼	6020B	Total/NA
Chromium	3.96		0.826	0.170	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.66		0.619	0.0234	mg/Kg	5	☼	6020B	Total/NA
Copper	10.2	B	0.413	0.0429	mg/Kg	5	☼	6020B	Total/NA
Lead	16.1		0.413	0.0487	mg/Kg	5	☼	6020B	Total/NA
Manganese	93.1		0.826	0.0508	mg/Kg	5	☼	6020B	Total/NA
Nickel	16.4	B	0.826	0.0216	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.271	J	2.06	0.147	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0103	J	0.206	0.00240	mg/Kg	5	☼	6020B	Total/NA
Vanadium	9.14	B	0.826	0.104	mg/Kg	5	☼	6020B	Total/NA
Zinc	41.5		2.06	1.71	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	0.556	J	1.32	0.424	mg/Kg	1	☼	350.1	Soluble

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00919		0.00803	0.00803	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0881	J	0.864	0.00367	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.108	J	0.864	0.0864	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.101	J	0.864	0.0864	mg/Kg	2	☼	8270E	Total/NA
Sulfate	33.7		13.5	13.3	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.910		0.591	0.0527	mg/Kg	5	☼	6020B	Total/NA
Barium	31.0		2.46	0.0139	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.155	J	0.492	0.0345	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.113	J	0.492	0.0160	mg/Kg	5	☼	6020B	Total/NA
Chromium	7.53		0.984	0.203	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.85		0.738	0.0279	mg/Kg	5	☼	6020B	Total/NA
Copper	10.7	B	0.492	0.0512	mg/Kg	5	☼	6020B	Total/NA
Lead	14.6		0.492	0.0581	mg/Kg	5	☼	6020B	Total/NA
Manganese	137		0.984	0.0605	mg/Kg	5	☼	6020B	Total/NA
Nickel	25.0	B	0.984	0.0257	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.309	J	2.46	0.175	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0111	J	0.246	0.00285	mg/Kg	5	☼	6020B	Total/NA
Vanadium	15.4	B	0.984	0.124	mg/Kg	5	☼	6020B	Total/NA
Zinc	55.1		2.46	2.04	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	0.721	J	1.33	0.427	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00207	J	0.0132	0.00199	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00286	J	0.0132	0.00258	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.0106		0.00793	0.00793	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.112	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	0.142	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.194	J	0.877	0.00372	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.120	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Chrysene	0.129	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.162	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.108	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.169	J	0.877	0.0877	mg/Kg	2	☼	8270E	Total/NA
Nitrate as N	0.995	J	3.34	0.969	mg/Kg	1	☼	9056A	Soluble
Sulfate	27.5		13.4	13.1	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.15		0.447	0.0398	mg/Kg	5	☼	6020B	Total/NA
Barium	16.6		1.86	0.0105	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.139	J	0.372	0.0261	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.137	J	0.372	0.0121	mg/Kg	5	☼	6020B	Total/NA
Chromium	9.14		0.744	0.153	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.19		0.558	0.0211	mg/Kg	5	☼	6020B	Total/NA
Copper	11.4	B	0.372	0.0387	mg/Kg	5	☼	6020B	Total/NA
Lead	159		0.372	0.0439	mg/Kg	5	☼	6020B	Total/NA
Manganese	118		0.744	0.0458	mg/Kg	5	☼	6020B	Total/NA
Nickel	19.9	B	0.744	0.0195	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.314	J	1.86	0.132	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0137	J	0.186	0.00216	mg/Kg	5	☼	6020B	Total/NA
Vanadium	11.3	B	0.744	0.0934	mg/Kg	5	☼	6020B	Total/NA
Zinc	59.1		1.86	1.54	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: 752-41545-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia (as N)	1.27	J F1	1.30	0.416	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3-Trichloropropane	0.00648	J	0.0132	0.00353	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.0110		0.00750	0.00750	mg/Kg	5	☼	8270E SIM ID	Total/NA
Acenaphthene	0.115	J	0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Anthracene	0.127	J	0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	1.27		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	1.24		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.67		0.812	0.00345	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.854		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.623	J	0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Chrysene	1.13		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.207	J	0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	2.13		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.897		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.402	J	0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Pyrene	1.79		0.812	0.0812	mg/Kg	2	☼	8270E	Total/NA
Sulfate	38.4		12.8	12.6	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.92		0.506	0.0451	mg/Kg	5	☼	6020B	Total/NA
Barium	32.9		2.11	0.0119	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.444		0.422	0.0296	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.176	J	0.422	0.0138	mg/Kg	5	☼	6020B	Total/NA
Chromium	9.47		0.844	0.174	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.69		0.633	0.0239	mg/Kg	5	☼	6020B	Total/NA
Copper	21.5	B	0.422	0.0439	mg/Kg	5	☼	6020B	Total/NA
Lead	26.0		0.422	0.0498	mg/Kg	5	☼	6020B	Total/NA
Manganese	131		0.844	0.0519	mg/Kg	5	☼	6020B	Total/NA
Nickel	21.3	B	0.844	0.0221	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.737	J	2.11	0.150	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0151	J	0.211	0.00245	mg/Kg	5	☼	6020B	Total/NA
Vanadium	21.3	B	0.844	0.106	mg/Kg	5	☼	6020B	Total/NA
Zinc	88.2		2.11	1.75	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	0.903	J	1.25	0.401	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.00875		0.00723	0.00723	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0782	J	0.802	0.00340	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.0923	J	0.802	0.0802	mg/Kg	2	☼	8270E	Total/NA
Nitrate as N	1.06	J	3.05	0.884	mg/Kg	1	☼	9056A	Soluble
Sulfate	20.0		12.2	12.0	mg/Kg	1	☼	9056A	Soluble
Arsenic	2.26		0.438	0.0391	mg/Kg	5	☼	6020B	Total/NA
Barium	17.0		1.83	0.0103	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.199	J	0.365	0.0256	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.159	J	0.365	0.0119	mg/Kg	5	☼	6020B	Total/NA
Chromium	9.21		0.730	0.150	mg/Kg	5	☼	6020B	Total/NA
Cobalt	5.80		0.548	0.0207	mg/Kg	5	☼	6020B	Total/NA
Copper	12.9	B	0.365	0.0380	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-SED-9 (Continued)
Lab Sample ID: 752-41545-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	12.4		0.365	0.0431	mg/Kg	5	☼	6020B	Total/NA
Manganese	154		0.730	0.0449	mg/Kg	5	☼	6020B	Total/NA
Nickel	17.3	B	0.730	0.0191	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.375	J	1.83	0.130	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0114	J	0.183	0.00212	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.2	B	0.730	0.0917	mg/Kg	5	☼	6020B	Total/NA
Zinc	63.4		1.83	1.52	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	1.94		1.20	0.383	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.0103		0.00775	0.00775	mg/Kg	5	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.188	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	0.233	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.335	J	0.856	0.00363	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.184	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.116	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Chrysene	0.223	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.453	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.182	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.206	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.370	J	0.856	0.0856	mg/Kg	2	☼	8270E	Total/NA
Nitrate as N	1.76	J	3.27	0.948	mg/Kg	1	☼	9056A	Soluble
Sulfate	32.2		13.1	12.8	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.707		0.537	0.0479	mg/Kg	5	☼	6020B	Total/NA
Barium	18.4		2.24	0.0127	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.115	J	0.448	0.0314	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.28		0.895	0.184	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.58		0.672	0.0253	mg/Kg	5	☼	6020B	Total/NA
Copper	11.5	B	0.448	0.0466	mg/Kg	5	☼	6020B	Total/NA
Lead	28.3		0.448	0.0528	mg/Kg	5	☼	6020B	Total/NA
Manganese	110		0.895	0.0551	mg/Kg	5	☼	6020B	Total/NA
Nickel	24.1	B	0.895	0.0234	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.363	J	2.24	0.159	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0138	J	0.224	0.00260	mg/Kg	5	☼	6020B	Total/NA
Vanadium	16.3	B	0.895	0.112	mg/Kg	5	☼	6020B	Total/NA
Zinc	52.2		2.24	1.86	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	1.17	J	1.31	0.418	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: Trip Blank
Lab Sample ID: 752-41545-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1
Date Collected: 02/03/26 15:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.327	0.0722	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Benzene	ND		0.0163	0.00247	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Bromobenzene	ND		0.0163	0.00308	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Bromoform	ND		0.0163	0.00693	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Bromomethane	ND		0.0163	0.00644	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
2-Butanone (MEK)	ND		0.163	0.0182	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Carbon disulfide	ND		0.0327	0.00837	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Carbon tetrachloride	ND		0.0163	0.00309	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Chlorobenzene	ND		0.0163	0.00274	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Chlorobromomethane	ND		0.0163	0.00392	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Chlorodibromomethane	ND		0.0163	0.00260	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Chloroethane	ND		0.0327	0.00618	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Chloroform	ND		0.0163	0.00317	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Chloromethane	ND		0.0327	0.00484	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
2-Chlorotoluene	ND		0.0163	0.00353	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
4-Chlorotoluene	ND		0.0163	0.00356	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
cis-1,2-Dichloroethene	ND		0.0163	0.00392	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
cis-1,3-Dichloropropene	ND		0.0163	0.00382	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2-Dibromo-3-Chloropropane	ND		0.0163	0.00673	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Dibromomethane	ND		0.0163	0.00330	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2-Dichlorobenzene	ND		0.0163	0.00353	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,3-Dichlorobenzene	ND		0.0163	0.00260	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,4-Dichlorobenzene	ND		0.0163	0.00379	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Dichlorobromomethane	ND		0.0163	0.00307	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1-Dichloroethane	ND		0.0163	0.00296	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2-Dichloroethane	ND		0.0163	0.00395	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1-Dichloroethene	ND		0.0163	0.00389	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2-Dichloropropane	ND		0.0163	0.00224	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,3-Dichloropropane	ND		0.0163	0.00376	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
2,2-Dichloropropane	ND		0.0163	0.00379	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1-Dichloropropene	ND		0.0163	0.00333	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Ethyl acetate	ND		0.163	0.163	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Ethylbenzene	ND		0.0163	0.00350	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Ethylene Dibromide	ND		0.0163	0.00285	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Hexachlorobutadiene	ND		0.0163	0.00523	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Hexane	ND		0.0327	0.0327	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
2-Hexanone	ND		0.0327	0.0241	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Iodomethane	ND		0.0327	0.00624	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Isopropylbenzene	ND		0.0163	0.00480	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Isopropyl ether	ND		0.0327	0.0327	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
4-Isopropyltoluene	ND		0.0163	0.0111	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Methylene Chloride	ND		0.0654	0.0184	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.0327	0.0107	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Methyl tert-butyl ether	ND		0.0163	0.00572	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
m-Xylene & p-Xylene	ND		0.0327	0.00709	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Naphthalene	ND		0.0163	0.0126	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
n-Butylbenzene	ND		0.0163	0.00575	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
n-Heptane	ND		0.0327	0.0327	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
N-Propylbenzene	ND		0.0163	0.00340	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1
Date Collected: 02/03/26 15:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0163	0.00431	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
sec-Butylbenzene	ND		0.0163	0.00373	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Styrene	ND		0.0163	0.00830	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
tert-Butylbenzene	ND		0.0163	0.00389	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1,1,2-Tetrachloroethane	ND		0.0163	0.00323	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1,2,2-Tetrachloroethane	ND		0.0163	0.00425	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Tetrachloroethene	ND		0.0163	0.00266	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Toluene	ND		0.0163	0.00321	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
trans-1,4-Dichloro-2-butene	ND		0.0327	0.0165	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
trans-1,2-Dichloroethene	ND		0.0163	0.00395	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
trans-1,3-Dichloropropene	ND		0.0163	0.00337	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2,3-Trichlorobenzene	ND		0.0163	0.00853	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2,4-Trichlorobenzene	ND		0.0163	0.00657	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1,1-Trichloroethane	ND		0.0163	0.00471	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1,2-Trichloroethane	ND		0.0163	0.00294	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Trichloroethene	ND		0.0163	0.00227	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Trichlorofluoromethane	ND		0.0163	0.00618	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2,3-Trichloropropane	ND		0.0163	0.00438	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0327	0.00325	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,2,4-Trimethylbenzene	ND		0.0163	0.00382	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
1,3,5-Trimethylbenzene	ND		0.0163	0.00405	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Vinyl acetate	ND		0.0327	0.0108	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Vinyl chloride	ND		0.0327	0.00539	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1
Xylenes, Total	ND		0.0163	0.00431	mg/Kg	☼	02/11/26 18:49	02/11/26 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 127*	*02/11/26 18:49*	*02/11/26 19:14*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*02/11/26 18:49*	*02/11/26 19:14*	*1*
Toluene-d8 (Surr)	*100*		*71 - 129*	*02/11/26 18:49*	*02/11/26 19:14*	*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	**0.0112**		0.00868	0.00868	mg/Kg	☼	02/06/26 13:19	02/10/26 11:20	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*02/06/26 13:19*	*02/10/26 11:20*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.949	0.0276	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,4,5-Trichlorophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,4,6-Trichlorophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,4-Dichlorophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,4-Dimethylphenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,4-Dinitrophenol	ND		2.85	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,4-Dinitrotoluene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2,6-Dinitrotoluene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2-Chloronaphthalene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2-Chlorophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2-Methylnaphthalene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2-Methylphenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1
Date Collected: 02/03/26 15:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
2-Nitrophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
3 & 4 Methylphenol	ND		1.90	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
3,3'-Dichlorobenzidine	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
3-Nitroaniline	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4,6-Dinitro-2-methylphenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4-Bromophenyl phenyl ether	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4-Chloro-3-methylphenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4-Chloroaniline	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4-Chlorophenyl phenyl ether	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4-Nitroaniline	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
4-Nitrophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Acenaphthene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Acenaphthylene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Acetophenone	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Anthracene	**0.219**	**J**	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Atrazine	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Benzaldehyde	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Benzo[a]anthracene	**1.00**		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Benzo[a]pyrene	**1.03**		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Benzo[b]fluoranthene	**1.62**		0.949	0.00403	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Benzo[g,h,i]perylene	**0.816**	**J**	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Benzo[k]fluoranthene	**0.522**	**J**	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
bis (2-chloroisopropyl) ether	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Bis(2-chloroethoxy)methane	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Bis(2-chloroethyl)ether	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Bis(2-ethylhexyl) phthalate	ND		0.949	0.288	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Butyl benzyl phthalate	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Caprolactam	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Carbazole	**0.121**	**J**	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Chrysene	**1.17**		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Dibenz(a,h)anthracene	**0.180**	**J**	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Dibenzofuran	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Diethyl phthalate	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Dimethyl phthalate	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Di-n-butyl phthalate	ND		2.85	0.863	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Di-n-octyl phthalate	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Fluoranthene	**2.32**		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Fluorene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Hexachlorobenzene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Hexachlorobutadiene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Hexachlorocyclopentadiene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Hexachloroethane	ND	*+	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Indeno[1,2,3-cd]pyrene	**0.807**	**J**	0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Isophorone	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Naphthalene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Nitrobenzene	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
N-Nitrosodi-n-propylamine	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
N-Nitrosodiphenylamine	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1
Date Collected: 02/03/26 15:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Phenanthrene	**0.992**		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Phenol	ND		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2
Pyrene	**1.81**		0.949	0.0949	mg/Kg	☼	02/06/26 13:22	02/10/26 20:33	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:33*	*2*
2-Fluorobiphenyl (Surr)	*93*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:33*	*2*
2-Fluorophenol (Surr)	*108*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:33*	*2*
Nitrobenzene-d5 (Surr)	*116*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:33*	*2*
Phenol-d5 (Surr)	*105*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:33*	*2*
Terphenyl-d14 (Surr)	*110*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:33*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.67	1.07	mg/Kg	☼		02/10/26 21:16	1
Sulfate	**30.6**		14.7	14.4	mg/Kg	☼		02/10/26 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1 F2	0.852	0.195	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Arsenic	**1.07**	**F1 F2**	0.511	0.0456	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Barium	**23.0**	**F1 F2**	2.13	0.0121	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Beryllium	**0.211**	**J**	0.426	0.0299	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Cadmium	**0.159**	**J**	0.426	0.0139	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Chromium	**7.25**	**F1 F2**	0.852	0.175	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Cobalt	**4.42**		0.639	0.0241	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Copper	**15.0**	**B F1**	0.426	0.0443	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Lead	**30.0**	**F1 F2**	0.426	0.0503	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Manganese	**117**		0.852	0.0524	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Nickel	**14.5**	**B**	0.852	0.0223	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Selenium	**0.397**	**J**	2.13	0.151	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Silver	**0.0775**	**J**	0.213	0.00247	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Thallium	ND		0.596	0.0359	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Vanadium	**15.4**	**B F1 F2**	0.852	0.107	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5
Zinc	**72.2**		2.13	1.77	mg/Kg	☼	02/09/26 12:45	02/10/26 19:57	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.140	0.0204	mg/Kg	☼	02/11/26 08:30	02/12/26 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.40	0.140	mg/Kg	☼	02/09/26 10:03	02/10/26 22:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.78**	**F1**	1.46	0.467	mg/Kg	☼		02/11/26 14:48	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2
Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 69.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.225	0.0497	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Benzene	ND		0.0112	0.00170	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Bromobenzene	ND	*3	0.0112	0.00212	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Bromoform	ND		0.0112	0.00476	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Bromomethane	ND		0.0112	0.00443	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
2-Butanone (MEK)	ND		0.112	0.0125	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Carbon disulfide	ND		0.0225	0.00575	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Carbon tetrachloride	ND		0.0112	0.00213	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Chlorobenzene	ND		0.0112	0.00189	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Chlorobromomethane	ND		0.0112	0.00270	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Chlorodibromomethane	ND		0.0112	0.00179	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Chloroethane	ND		0.0225	0.00425	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Chloroform	ND		0.0112	0.00218	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Chloromethane	ND		0.0225	0.00333	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
2-Chlorotoluene	ND	*3	0.0112	0.00243	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
4-Chlorotoluene	ND	*3	0.0112	0.00245	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
cis-1,2-Dichloroethene	ND		0.0112	0.00270	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
cis-1,3-Dichloropropene	ND		0.0112	0.00263	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.0112	0.00463	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Dibromomethane	ND		0.0112	0.00227	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2-Dichlorobenzene	ND	*3	0.0112	0.00243	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,3-Dichlorobenzene	ND	*3	0.0112	0.00179	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,4-Dichlorobenzene	ND	*3	0.0112	0.00261	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Dichlorobromomethane	ND		0.0112	0.00211	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1-Dichloroethane	ND		0.0112	0.00203	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2-Dichloroethane	ND		0.0112	0.00272	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1-Dichloroethene	ND		0.0112	0.00267	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2-Dichloropropane	ND		0.0112	0.00154	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,3-Dichloropropane	ND		0.0112	0.00258	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
2,2-Dichloropropane	ND		0.0112	0.00261	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1-Dichloropropene	ND		0.0112	0.00229	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Ethyl acetate	ND		0.112	0.112	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Ethylbenzene	ND		0.0112	0.00240	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Ethylene Dibromide	ND		0.0112	0.00196	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Hexachlorobutadiene	ND	*3	0.0112	0.00360	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Hexane	ND		0.0225	0.0225	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
2-Hexanone	ND		0.0225	0.0166	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Iodomethane	ND		0.0225	0.00429	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Isopropylbenzene	ND	*3	0.0112	0.00330	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Isopropyl ether	ND		0.0225	0.0225	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
4-Isopropyltoluene	ND	*3	0.0112	0.00764	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Methylene Chloride	ND		0.0449	0.0126	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
4-Methyl-2-pentanone (MIBK)	ND		0.0225	0.00733	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Methyl tert-butyl ether	ND		0.0112	0.00393	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
m-Xylene & p-Xylene	ND		0.0225	0.00488	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Naphthalene	ND	*3	0.0112	0.00865	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
n-Butylbenzene	ND	*3	0.0112	0.00396	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
n-Heptane	ND		0.0225	0.0225	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
N-Propylbenzene	ND	*3	0.0112	0.00234	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2
Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 69.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0112	0.00297	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
sec-Butylbenzene	ND	*3	0.0112	0.00256	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Styrene	ND		0.0112	0.00571	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
tert-Butylbenzene	ND	*3	0.0112	0.00267	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1,1,2-Tetrachloroethane	ND		0.0112	0.00222	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1,2,2-Tetrachloroethane	ND	*3	0.0112	0.00292	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Tetrachloroethene	ND		0.0112	0.00183	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Toluene	ND		0.0112	0.00221	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
trans-1,4-Dichloro-2-butene	ND	*3	0.0225	0.0113	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
trans-1,2-Dichloroethene	ND		0.0112	0.00272	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
trans-1,3-Dichloropropene	ND		0.0112	0.00231	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2,3-Trichlorobenzene	ND	*3	0.0112	0.00587	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2,4-Trichlorobenzene	ND	*3	0.0112	0.00452	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1,1-Trichloroethane	ND		0.0112	0.00324	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1,2-Trichloroethane	ND		0.0112	0.00202	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Trichloroethene	ND		0.0112	0.00156	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Trichlorofluoromethane	ND		0.0112	0.00425	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2,3-Trichloropropane	ND	*3	0.0112	0.00301	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0225	0.00223	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,2,4-Trimethylbenzene	ND	*3	0.0112	0.00263	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
1,3,5-Trimethylbenzene	ND	*3	0.0112	0.00279	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Vinyl acetate	ND		0.0225	0.00746	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Vinyl chloride	ND		0.0225	0.00371	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1
Xylenes, Total	ND		0.0112	0.00297	mg/Kg	☼	02/11/26 18:49	02/11/26 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 127*	*02/11/26 18:49*	*02/11/26 19:38*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*02/11/26 18:49*	*02/11/26 19:38*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/11/26 18:49*	*02/11/26 19:38*	*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	**0.0109**		0.00852	0.00852	mg/Kg	☼	02/06/26 13:19	02/10/26 11:42	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 150*	*02/06/26 13:19*	*02/10/26 11:42*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.933	0.0271	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,4,5-Trichlorophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,4,6-Trichlorophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,4-Dichlorophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,4-Dimethylphenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,4-Dinitrophenol	ND		2.80	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,4-Dinitrotoluene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2,6-Dinitrotoluene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2-Chloronaphthalene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2-Chlorophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2-Methylnaphthalene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2-Methylphenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2
Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 69.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
2-Nitrophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
3 & 4 Methylphenol	ND		1.87	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
3,3'-Dichlorobenzidine	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
3-Nitroaniline	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4,6-Dinitro-2-methylphenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4-Bromophenyl phenyl ether	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4-Chloro-3-methylphenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4-Chloroaniline	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4-Chlorophenyl phenyl ether	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4-Nitroaniline	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
4-Nitrophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Acenaphthene	**0.124**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Acenaphthylene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Acetophenone	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Anthracene	**0.249**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Atrazine	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Benzaldehyde	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Benzo[a]anthracene	**0.998**		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Benzo[a]pyrene	**1.01**		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Benzo[b]fluoranthene	**1.42**		0.933	0.00396	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Benzo[g,h,i]perylene	**0.675**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Benzo[k]fluoranthene	**0.544**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
bis (2-chloroisopropyl) ether	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Bis(2-chloroethoxy)methane	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Bis(2-chloroethyl)ether	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Bis(2-ethylhexyl) phthalate	ND		0.933	0.283	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Butyl benzyl phthalate	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Caprolactam	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Carbazole	**0.140**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Chrysene	**1.04**		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Dibenz(a,h)anthracene	**0.174**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Dibenzofuran	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Diethyl phthalate	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Dimethyl phthalate	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Di-n-butyl phthalate	ND		2.80	0.848	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Di-n-octyl phthalate	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Fluoranthene	**1.88**	**F1**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Fluorene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Hexachlorobenzene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Hexachlorobutadiene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Hexachlorocyclopentadiene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Hexachloroethane	ND	*+	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Indeno[1,2,3-cd]pyrene	**0.693**	**J**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Isophorone	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Naphthalene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Nitrobenzene	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
N-Nitrosodi-n-propylamine	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
N-Nitrosodiphenylamine	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2
Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 69.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Phenanthrene	**1.05**		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Phenol	ND		0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2
Pyrene	**1.53**	**F1**	0.933	0.0933	mg/Kg	☼	02/06/26 13:22	02/10/26 20:02	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:02*	*2*
2-Fluorobiphenyl (Surr)	*103*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:02*	*2*
2-Fluorophenol (Surr)	*112*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:02*	*2*
Nitrobenzene-d5 (Surr)	*124*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:02*	*2*
Phenol-d5 (Surr)	*109*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:02*	*2*
Terphenyl-d14 (Surr)	*124*		*40 - 140*	*02/06/26 13:22*	*02/10/26 20:02*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.61	1.05	mg/Kg	☼		02/10/26 22:24	1
Sulfate	**42.4**		14.4	14.2	mg/Kg	☼		02/10/26 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.872	0.199	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Arsenic	**0.786**		0.523	0.0466	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Barium	**30.3**		2.18	0.0123	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Beryllium	**0.193**	**J**	0.436	0.0306	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Cadmium	**0.209**	**J**	0.436	0.0142	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Chromium	**7.01**		0.872	0.180	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Cobalt	**4.43**		0.654	0.0247	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Copper	**12.9**	**B**	0.436	0.0453	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Lead	**38.2**		0.436	0.0514	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Manganese	**135**		0.872	0.0536	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Nickel	**12.7**	**B**	0.872	0.0228	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Selenium	**0.535**	**J**	2.18	0.155	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Silver	**0.0284**	**J**	0.218	0.00253	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Thallium	ND		0.610	0.0368	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Vanadium	**13.8**	**B**	0.872	0.109	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5
Zinc	**82.9**		2.18	1.81	mg/Kg	☼	02/09/26 12:45	02/10/26 20:09	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.140	0.0205	mg/Kg	☼	02/11/26 08:30	02/12/26 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.419**	**J**	1.34	0.134	mg/Kg	☼	02/09/26 10:03	02/10/26 22:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.42	0.454	mg/Kg	☼		02/11/26 14:59	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3
Date Collected: 02/03/26 14:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 76.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.235	0.0520	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Benzene	ND		0.0118	0.00178	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Bromobenzene	ND		0.0118	0.00222	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Bromoform	ND		0.0118	0.00499	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Bromomethane	ND		0.0118	0.00464	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
2-Butanone (MEK)	ND		0.118	0.0131	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Carbon disulfide	ND		0.0235	0.00603	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Carbon tetrachloride	ND		0.0118	0.00223	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Chlorobenzene	ND		0.0118	0.00198	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Chlorobromomethane	ND		0.0118	0.00282	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Chlorodibromomethane	ND		0.0118	0.00187	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Chloroethane	ND		0.0235	0.00445	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Chloroform	ND		0.0118	0.00228	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Chloromethane	ND		0.0235	0.00348	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
2-Chlorotoluene	ND		0.0118	0.00254	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
4-Chlorotoluene	ND		0.0118	0.00257	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
cis-1,2-Dichloroethene	ND		0.0118	0.00282	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
cis-1,3-Dichloropropene	ND		0.0118	0.00275	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2-Dibromo-3-Chloropropane	ND		0.0118	0.00485	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Dibromomethane	ND		0.0118	0.00238	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2-Dichlorobenzene	ND		0.0118	0.00254	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,3-Dichlorobenzene	ND		0.0118	0.00187	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,4-Dichlorobenzene	ND		0.0118	0.00273	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Dichlorobromomethane	ND		0.0118	0.00221	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1-Dichloroethane	ND		0.0118	0.00213	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2-Dichloroethane	ND		0.0118	0.00285	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1-Dichloroethene	ND		0.0118	0.00280	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2-Dichloropropane	ND		0.0118	0.00161	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,3-Dichloropropane	ND		0.0118	0.00271	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
2,2-Dichloropropane	ND		0.0118	0.00273	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1-Dichloropropene	ND		0.0118	0.00240	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Ethyl acetate	ND		0.118	0.118	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Ethylbenzene	ND		0.0118	0.00252	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Ethylene Dibromide	ND		0.0118	0.00206	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Hexachlorobutadiene	ND		0.0118	0.00377	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Hexane	ND		0.0235	0.0235	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
2-Hexanone	ND		0.0235	0.0173	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Iodomethane	ND		0.0235	0.00450	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Isopropylbenzene	ND		0.0118	0.00346	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Isopropyl ether	ND		0.0235	0.0235	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
4-Isopropyltoluene	ND		0.0118	0.00800	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Methylene Chloride	ND		0.0471	0.0132	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.0235	0.00767	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Methyl tert-butyl ether	ND		0.0118	0.00412	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
m-Xylene & p-Xylene	ND		0.0235	0.00511	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Naphthalene	ND		0.0118	0.00906	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
n-Butylbenzene	ND		0.0118	0.00414	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
n-Heptane	ND		0.0235	0.0235	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
N-Propylbenzene	ND		0.0118	0.00245	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3
Date Collected: 02/03/26 14:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 76.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0118	0.00311	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
sec-Butylbenzene	ND		0.0118	0.00268	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Styrene	ND		0.0118	0.00598	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
tert-Butylbenzene	ND		0.0118	0.00280	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1,1,2-Tetrachloroethane	ND		0.0118	0.00233	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1,2,2-Tetrachloroethane	ND		0.0118	0.00306	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Tetrachloroethene	ND		0.0118	0.00192	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Toluene	ND		0.0118	0.00231	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
trans-1,4-Dichloro-2-butene	ND		0.0235	0.0119	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
trans-1,2-Dichloroethene	ND		0.0118	0.00285	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
trans-1,3-Dichloropropene	ND		0.0118	0.00242	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2,3-Trichlorobenzene	ND		0.0118	0.00614	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2,4-Trichlorobenzene	ND		0.0118	0.00473	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1,1-Trichloroethane	ND		0.0118	0.00339	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1,2-Trichloroethane	ND		0.0118	0.00212	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Trichloroethene	ND		0.0118	0.00163	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Trichlorofluoromethane	ND		0.0118	0.00445	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2,3-Trichloropropane	ND		0.0118	0.00315	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0235	0.00234	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,2,4-Trimethylbenzene	ND		0.0118	0.00275	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
1,3,5-Trimethylbenzene	ND		0.0118	0.00292	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Vinyl acetate	ND		0.0235	0.00782	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Vinyl chloride	ND		0.0235	0.00388	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1
Xylenes, Total	ND		0.0118	0.00311	mg/Kg	☼	02/11/26 18:49	02/11/26 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 127*	*02/11/26 18:49*	*02/11/26 20:02*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*02/11/26 18:49*	*02/11/26 20:02*	*1*
Toluene-d8 (Surr)	*103*		*71 - 129*	*02/11/26 18:49*	*02/11/26 20:02*	*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	**0.00947**		0.00770	0.00770	mg/Kg	☼	02/06/26 13:19	02/10/26 12:03	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*02/06/26 13:19*	*02/10/26 12:03*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.413	0.0120	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,4,5-Trichlorophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,4,6-Trichlorophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,4-Dichlorophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,4-Dimethylphenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,4-Dinitrophenol	ND		1.24	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,4-Dinitrotoluene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2,6-Dinitrotoluene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2-Chloronaphthalene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2-Chlorophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2-Methylnaphthalene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2-Methylphenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3
Date Collected: 02/03/26 14:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 76.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
2-Nitrophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
3 & 4 Methylphenol	ND		0.826	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
3,3'-Dichlorobenzidine	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
3-Nitroaniline	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4,6-Dinitro-2-methylphenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4-Bromophenyl phenyl ether	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4-Chloro-3-methylphenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4-Chloroaniline	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4-Chlorophenyl phenyl ether	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4-Nitroaniline	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
4-Nitrophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Acenaphthene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Acenaphthylene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Acetophenone	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Anthracene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Atrazine	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Benzaldehyde	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Benzo[a]anthracene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Benzo[a]pyrene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Benzo[b]fluoranthene	**0.0323**	**J**	0.413	0.00175	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Benzo[g,h,i]perylene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Benzo[k]fluoranthene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
bis (2-chloroisopropyl) ether	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Bis(2-chloroethoxy)methane	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Bis(2-chloroethyl)ether	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Bis(2-ethylhexyl) phthalate	ND		0.413	0.125	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Butyl benzyl phthalate	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Caprolactam	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Carbazole	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Chrysene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Dibenz(a,h)anthracene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Dibenzofuran	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Diethyl phthalate	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Dimethyl phthalate	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Di-n-butyl phthalate	ND		1.24	0.375	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Di-n-octyl phthalate	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Fluoranthene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Fluorene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Hexachlorobenzene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Hexachlorobutadiene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Hexachlorocyclopentadiene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Hexachloroethane	ND	*+	0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Indeno[1,2,3-cd]pyrene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Isophorone	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Naphthalene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Nitrobenzene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
N-Nitrosodi-n-propylamine	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
N-Nitrosodiphenylamine	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3

Date Collected: 02/03/26 14:15
Matrix: Solid

Date Received: 02/03/26 16:40
Percent Solids: 76.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Phenanthrene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Phenol	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1
Pyrene	ND		0.413	0.0413	mg/Kg	☼	02/06/26 13:22	02/10/26 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*40 - 140*	*02/06/26 13:22*	*02/10/26 21:03*	*1*
2-Fluorobiphenyl (Surr)	*93*		*40 - 140*	*02/06/26 13:22*	*02/10/26 21:03*	*1*
2-Fluorophenol (Surr)	*95*		*40 - 140*	*02/06/26 13:22*	*02/10/26 21:03*	*1*
Nitrobenzene-d5 (Surr)	*113*		*40 - 140*	*02/06/26 13:22*	*02/10/26 21:03*	*1*
Phenol-d5 (Surr)	*101*		*40 - 140*	*02/06/26 13:22*	*02/10/26 21:03*	*1*
Terphenyl-d14 (Surr)	*110*		*40 - 140*	*02/06/26 13:22*	*02/10/26 21:03*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.61**	**J**	3.24	0.940	mg/Kg	☼		02/10/26 22:35	1
Sulfate	**22.3**		13.0	12.7	mg/Kg	☼		02/10/26 22:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.700	0.160	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Arsenic	**1.97**		0.420	0.0374	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Barium	**86.6**		1.75	0.00990	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Beryllium	**0.399**		0.350	0.0245	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Cadmium	**0.0783**	**J**	0.350	0.0114	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Chromium	**16.9**		0.700	0.144	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Cobalt	**5.51**		0.525	0.0198	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Copper	**8.97**	**B**	0.350	0.0364	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Lead	**11.0**		0.350	0.0413	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Manganese	**93.9**		0.700	0.0430	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Nickel	**10.3**	**B**	0.700	0.0183	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Selenium	**0.940**	**J**	1.75	0.124	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Silver	**0.00443**	**J**	0.175	0.00203	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Thallium	**0.0924**	**J**	0.490	0.0295	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Vanadium	**34.7**	**B**	0.700	0.0878	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5
Zinc	**33.1**		1.75	1.45	mg/Kg	☼	02/09/26 12:45	02/10/26 20:12	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.130	0.0190	mg/Kg	☼	02/11/26 08:30	02/12/26 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.171**	**J**	1.19	0.119	mg/Kg	☼	02/09/26 10:03	02/10/26 22:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.29	0.412	mg/Kg	☼		02/11/26 15:01	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4
Date Collected: 02/03/26 13:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 71.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.218	0.0482	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Benzene	ND		0.0109	0.00165	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Bromobenzene	ND		0.0109	0.00206	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Bromoform	ND		0.0109	0.00462	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Bromomethane	ND		0.0109	0.00430	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
2-Butanone (MEK)	ND		0.109	0.0121	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Carbon disulfide	ND		0.0218	0.00558	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Carbon tetrachloride	ND		0.0109	0.00206	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Chlorobenzene	ND		0.0109	0.00183	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Chlorobromomethane	ND		0.0109	0.00262	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Chlorodibromomethane	ND		0.0109	0.00173	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Chloroethane	ND		0.0218	0.00412	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Chloroform	ND		0.0109	0.00211	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Chloromethane	ND		0.0218	0.00323	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
2-Chlorotoluene	ND		0.0109	0.00235	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
4-Chlorotoluene	ND		0.0109	0.00238	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
cis-1,2-Dichloroethene	ND		0.0109	0.00262	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
cis-1,3-Dichloropropene	ND		0.0109	0.00255	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2-Dibromo-3-Chloropropane	ND		0.0109	0.00449	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Dibromomethane	ND		0.0109	0.00220	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2-Dichlorobenzene	ND		0.0109	0.00235	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,3-Dichlorobenzene	ND		0.0109	0.00174	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,4-Dichlorobenzene	ND		0.0109	0.00253	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Dichlorobromomethane	ND		0.0109	0.00205	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1-Dichloroethane	ND		0.0109	0.00197	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2-Dichloroethane	ND		0.0109	0.00264	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1-Dichloroethene	ND		0.0109	0.00259	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2-Dichloropropane	ND		0.0109	0.00149	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,3-Dichloropropane	ND		0.0109	0.00251	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
2,2-Dichloropropane	ND		0.0109	0.00253	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1-Dichloropropene	ND		0.0109	0.00222	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Ethyl acetate	ND		0.109	0.109	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Ethylbenzene	ND		0.0109	0.00233	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Ethylene Dibromide	ND		0.0109	0.00190	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Hexachlorobutadiene	ND		0.0109	0.00349	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Hexane	ND		0.0218	0.0218	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
2-Hexanone	ND		0.0218	0.0161	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Iodomethane	ND		0.0218	0.00416	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Isopropylbenzene	ND		0.0109	0.00320	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Isopropyl ether	ND		0.0218	0.0218	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
4-Isopropyltoluene	ND		0.0109	0.00741	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Methylene Chloride	ND		0.0436	0.0123	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.0218	0.00711	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Methyl tert-butyl ether	ND		0.0109	0.00382	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
m-Xylene & p-Xylene	ND		0.0218	0.00473	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Naphthalene	ND		0.0109	0.00839	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
n-Butylbenzene	ND		0.0109	0.00384	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
n-Heptane	ND		0.0218	0.0218	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
N-Propylbenzene	ND		0.0109	0.00227	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4
Date Collected: 02/03/26 13:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 71.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0109	0.00288	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
sec-Butylbenzene	ND		0.0109	0.00249	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Styrene	ND		0.0109	0.00554	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
tert-Butylbenzene	ND		0.0109	0.00259	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1,1,2-Tetrachloroethane	ND		0.0109	0.00216	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1,2,2-Tetrachloroethane	ND		0.0109	0.00283	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Tetrachloroethene	ND		0.0109	0.00177	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Toluene	ND		0.0109	0.00214	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
trans-1,4-Dichloro-2-butene	ND		0.0218	0.0110	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
trans-1,2-Dichloroethene	ND		0.0109	0.00264	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
trans-1,3-Dichloropropene	ND		0.0109	0.00225	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2,3-Trichlorobenzene	ND		0.0109	0.00569	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2,4-Trichlorobenzene	ND		0.0109	0.00438	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1,1-Trichloroethane	ND		0.0109	0.00314	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1,2-Trichloroethane	ND		0.0109	0.00196	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Trichloroethene	ND		0.0109	0.00151	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Trichlorofluoromethane	ND		0.0109	0.00412	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2,3-Trichloropropane	ND		0.0109	0.00292	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0218	0.00217	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,2,4-Trimethylbenzene	ND		0.0109	0.00255	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
1,3,5-Trimethylbenzene	ND		0.0109	0.00270	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Vinyl acetate	ND		0.0218	0.00724	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Vinyl chloride	ND		0.0218	0.00360	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1
Xylenes, Total	ND		0.0109	0.00288	mg/Kg	☼	02/11/26 18:49	02/11/26 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 127*	*02/11/26 18:49*	*02/11/26 20:26*	*1*
Dibromofluoromethane	*110*		*80 - 119*	*02/11/26 18:49*	*02/11/26 20:26*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/11/26 18:49*	*02/11/26 20:26*	*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	**0.00936**		0.00835	0.00835	mg/Kg	☼	02/06/26 13:19	02/10/26 12:24	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*46*		*10 - 150*	*02/06/26 13:19*	*02/10/26 12:24*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.446	0.0130	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,4,5-Trichlorophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,4,6-Trichlorophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,4-Dichlorophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,4-Dimethylphenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,4-Dinitrophenol	ND		1.34	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,4-Dinitrotoluene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2,6-Dinitrotoluene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2-Chloronaphthalene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2-Chlorophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2-Methylnaphthalene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2-Methylphenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4
Date Collected: 02/03/26 13:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 71.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
2-Nitrophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
3 & 4 Methylphenol	ND		0.892	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
3,3'-Dichlorobenzidine	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
3-Nitroaniline	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4,6-Dinitro-2-methylphenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4-Bromophenyl phenyl ether	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4-Chloro-3-methylphenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4-Chloroaniline	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4-Chlorophenyl phenyl ether	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4-Nitroaniline	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
4-Nitrophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Acenaphthene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Acenaphthylene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Acetophenone	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Anthracene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Atrazine	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Benzaldehyde	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Benzo[a]anthracene	**0.175**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Benzo[a]pyrene	**0.193**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Benzo[b]fluoranthene	**0.284**	**J**	0.446	0.00189	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Benzo[g,h,i]perylene	**0.161**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Benzo[k]fluoranthene	**0.0961**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
bis (2-chloroisopropyl) ether	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Bis(2-chloroethoxy)methane	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Bis(2-chloroethyl)ether	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Bis(2-ethylhexyl) phthalate	ND		0.446	0.135	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Butyl benzyl phthalate	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Caprolactam	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Carbazole	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Chrysene	**0.221**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Dibenz(a,h)anthracene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Dibenzofuran	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Diethyl phthalate	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Dimethyl phthalate	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Di-n-butyl phthalate	ND		1.34	0.406	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Di-n-octyl phthalate	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Fluoranthene	**0.369**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Fluorene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Hexachlorobenzene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Hexachlorobutadiene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Hexachlorocyclopentadiene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Hexachloroethane	ND	*+	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Indeno[1,2,3-cd]pyrene	**0.147**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Isophorone	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Naphthalene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Nitrobenzene	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
N-Nitrosodi-n-propylamine	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
N-Nitrosodiphenylamine	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4

Date Collected: 02/03/26 13:45
Matrix: Solid

Date Received: 02/03/26 16:40
Percent Solids: 71.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Phenanthrene	**0.184**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Phenol	ND		0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1
Pyrene	**0.320**	**J**	0.446	0.0446	mg/Kg	☼	02/06/26 13:22	02/11/26 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*45*		*40 - 140*	*02/06/26 13:22*	*02/11/26 01:40*	*1*
2-Fluorobiphenyl (Surr)	*88*		*40 - 140*	*02/06/26 13:22*	*02/11/26 01:40*	*1*
2-Fluorophenol (Surr)	*88*		*40 - 140*	*02/06/26 13:22*	*02/11/26 01:40*	*1*
Nitrobenzene-d5 (Surr)	*92*		*40 - 140*	*02/06/26 13:22*	*02/11/26 01:40*	*1*
Phenol-d5 (Surr)	*91*		*40 - 140*	*02/06/26 13:22*	*02/11/26 01:40*	*1*
Terphenyl-d14 (Surr)	*88*		*40 - 140*	*02/06/26 13:22*	*02/11/26 01:40*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.49	1.01	mg/Kg	☼		02/10/26 22:47	1
Sulfate	**42.2**		13.9	13.7	mg/Kg	☼		02/10/26 22:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.913	0.209	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Arsenic	**1.70**		0.548	0.0488	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Barium	**120**		2.28	0.0129	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Beryllium	**0.573**		0.456	0.0320	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Cadmium	**0.194**	**J**	0.456	0.0149	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Chromium	**31.9**		0.913	0.188	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Cobalt	**5.84**		0.685	0.0258	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Copper	**19.8**	**B**	0.456	0.0475	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Lead	**42.5**		0.456	0.0539	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Manganese	**150**		0.913	0.0561	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Nickel	**23.7**	**B**	0.913	0.0239	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Selenium	**0.873**	**J**	2.28	0.162	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Silver	**0.0378**	**J**	0.228	0.00265	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Thallium	**0.0970**	**J**	0.639	0.0385	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Vanadium	**36.6**	**B**	0.913	0.115	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5
Zinc	**52.7**		2.28	1.89	mg/Kg	☼	02/09/26 12:45	02/10/26 20:15	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0506**	**J**	0.140	0.0205	mg/Kg	☼	02/11/26 08:30	02/12/26 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.802**	**J**	1.40	0.140	mg/Kg	☼	02/09/26 10:03	02/10/26 22:38	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.41	0.450	mg/Kg	☼		02/11/26 15:04	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5
Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.322	0.0712	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Benzene	ND		0.0161	0.00244	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Bromobenzene	ND		0.0161	0.00304	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Bromoform	ND		0.0161	0.00683	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Bromomethane	ND		0.0161	0.00635	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
2-Butanone (MEK)	ND		0.161	0.0179	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Carbon disulfide	ND		0.0322	0.00825	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Carbon tetrachloride	ND		0.0161	0.00305	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Chlorobenzene	ND		0.0161	0.00270	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Chlorobromomethane	ND		0.0161	0.00387	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Chlorodibromomethane	ND		0.0161	0.00256	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Chloroethane	ND		0.0322	0.00609	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Chloroform	ND		0.0161	0.00312	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Chloromethane	ND		0.0322	0.00477	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
2-Chlorotoluene	ND		0.0161	0.00348	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
4-Chlorotoluene	ND		0.0161	0.00351	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
cis-1,2-Dichloroethene	ND		0.0161	0.00387	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
cis-1,3-Dichloropropene	ND		0.0161	0.00377	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2-Dibromo-3-Chloropropane	ND		0.0161	0.00664	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Dibromomethane	ND		0.0161	0.00325	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2-Dichlorobenzene	ND		0.0161	0.00348	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,3-Dichlorobenzene	ND		0.0161	0.00256	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,4-Dichlorobenzene	ND		0.0161	0.00374	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Dichlorobromomethane	ND		0.0161	0.00302	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1-Dichloroethane	ND		0.0161	0.00292	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2-Dichloroethane	ND		0.0161	0.00390	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1-Dichloroethene	ND		0.0161	0.00383	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2-Dichloropropane	ND		0.0161	0.00221	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,3-Dichloropropane	ND		0.0161	0.00371	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
2,2-Dichloropropane	ND		0.0161	0.00374	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1-Dichloropropene	ND		0.0161	0.00329	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Ethyl acetate	ND		0.161	0.161	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Ethylbenzene	ND		0.0161	0.00345	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Ethylene Dibromide	ND		0.0161	0.00281	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Hexachlorobutadiene	ND		0.0161	0.00516	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Hexane	ND		0.0322	0.0322	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
2-Hexanone	ND		0.0322	0.0237	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Iodomethane	ND		0.0322	0.00615	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Isopropylbenzene	ND		0.0161	0.00474	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Isopropyl ether	ND		0.0322	0.0322	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
4-Isopropyltoluene	ND		0.0161	0.0110	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Methylene Chloride	ND		0.0644	0.0181	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
4-Methyl-2-pentanone (MIBK)	ND		0.0322	0.0105	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Methyl tert-butyl ether	ND		0.0161	0.00564	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
m-Xylene & p-Xylene	ND		0.0322	0.00699	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Naphthalene	ND		0.0161	0.0124	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
n-Butylbenzene	ND		0.0161	0.00567	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
n-Heptane	ND		0.0322	0.0322	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
N-Propylbenzene	ND		0.0161	0.00335	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5
Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0161	0.00425	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
sec-Butylbenzene	ND		0.0161	0.00367	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Styrene	ND		0.0161	0.00818	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
tert-Butylbenzene	ND		0.0161	0.00383	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1,1,2-Tetrachloroethane	ND		0.0161	0.00319	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1,2,2-Tetrachloroethane	ND		0.0161	0.00419	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Tetrachloroethene	ND		0.0161	0.00262	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Toluene	ND		0.0161	0.00316	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
trans-1,4-Dichloro-2-butene	ND		0.0322	0.0162	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
trans-1,2-Dichloroethene	ND		0.0161	0.00390	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
trans-1,3-Dichloropropene	ND		0.0161	0.00332	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2,3-Trichlorobenzene	ND		0.0161	0.00841	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2,4-Trichlorobenzene	ND		0.0161	0.00648	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1,1-Trichloroethane	ND		0.0161	0.00464	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1,2-Trichloroethane	ND		0.0161	0.00290	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Trichloroethene	ND		0.0161	0.00224	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Trichlorofluoromethane	ND		0.0161	0.00609	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2,3-Trichloropropane	ND		0.0161	0.00432	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0322	0.00320	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,2,4-Trimethylbenzene	ND		0.0161	0.00377	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
1,3,5-Trimethylbenzene	ND		0.0161	0.00400	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Vinyl acetate	ND		0.0322	0.0107	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Vinyl chloride	ND		0.0322	0.00532	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1
Xylenes, Total	ND		0.0161	0.00425	mg/Kg	☼	02/11/26 18:49	02/11/26 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*	*02/11/26 18:49*	*02/11/26 20:50*	*1*
Dibromofluoromethane	*106*		*80 - 119*	*02/11/26 18:49*	*02/11/26 20:50*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/11/26 18:49*	*02/11/26 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	**0.00982**		0.00795	0.00795	mg/Kg	☼	02/06/26 13:19	02/10/26 12:45	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*02/06/26 13:19*	*02/10/26 12:45*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.876	0.0255	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,4,5-Trichlorophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,4,6-Trichlorophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,4-Dichlorophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,4-Dimethylphenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,4-Dinitrophenol	ND		2.63	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,4-Dinitrotoluene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2,6-Dinitrotoluene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2-Chloronaphthalene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2-Chlorophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2-Methylnaphthalene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2-Methylphenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5
Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
2-Nitrophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
3 & 4 Methylphenol	ND		1.75	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
3,3'-Dichlorobenzidine	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
3-Nitroaniline	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4,6-Dinitro-2-methylphenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4-Bromophenyl phenyl ether	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4-Chloro-3-methylphenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4-Chloroaniline	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4-Chlorophenyl phenyl ether	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4-Nitroaniline	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
4-Nitrophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Acenaphthene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Acenaphthylene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Acetophenone	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Anthracene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Atrazine	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Benzaldehyde	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Benzo[a]anthracene	**0.134**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Benzo[a]pyrene	**0.155**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Benzo[b]fluoranthene	**0.250**	**J**	0.876	0.00372	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Benzo[g,h,i]perylene	**0.138**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Benzo[k]fluoranthene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
bis (2-chloroisopropyl) ether	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Bis(2-chloroethoxy)methane	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Bis(2-chloroethyl)ether	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Bis(2-ethylhexyl) phthalate	ND		0.876	0.265	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Butyl benzyl phthalate	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Caprolactam	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Carbazole	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Chrysene	**0.179**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Dibenz(a,h)anthracene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Dibenzofuran	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Diethyl phthalate	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Dimethyl phthalate	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Di-n-butyl phthalate	ND		2.63	0.796	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Di-n-octyl phthalate	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Fluoranthene	**0.301**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Fluorene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Hexachlorobenzene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Hexachlorobutadiene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Hexachlorocyclopentadiene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Hexachloroethane	ND	*+	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Indeno[1,2,3-cd]pyrene	**0.125**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Isophorone	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Naphthalene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Nitrobenzene	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
N-Nitrosodi-n-propylamine	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
N-Nitrosodiphenylamine	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5
Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Phenanthrene	**0.0915**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Phenol	ND		0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2
Pyrene	**0.267**	**J**	0.876	0.0876	mg/Kg	☼	02/06/26 13:22	02/11/26 02:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:10*	*2*
2-Fluorobiphenyl (Surr)	*106*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:10*	*2*
2-Fluorophenol (Surr)	*100*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:10*	*2*
Nitrobenzene-d5 (Surr)	*105*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:10*	*2*
Phenol-d5 (Surr)	*100*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:10*	*2*
Terphenyl-d14 (Surr)	*103*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:10*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.32	0.962	mg/Kg	☼		02/10/26 22:58	1
Sulfate	**33.6**		13.3	13.0	mg/Kg	☼		02/10/26 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.826	0.189	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Arsenic	**0.508**		0.496	0.0442	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Barium	**15.2**		2.06	0.0117	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Beryllium	**0.0914**	**J**	0.413	0.0289	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Cadmium	**0.0798**	**J**	0.413	0.0135	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Chromium	**3.96**		0.826	0.170	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Cobalt	**4.66**		0.619	0.0234	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Copper	**10.2**	**B**	0.413	0.0429	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Lead	**16.1**		0.413	0.0487	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Manganese	**93.1**		0.826	0.0508	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Nickel	**16.4**	**B**	0.826	0.0216	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Selenium	**0.271**	**J**	2.06	0.147	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Silver	**0.0103**	**J**	0.206	0.00240	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Thallium	ND		0.578	0.0348	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Vanadium	**9.14**	**B**	0.826	0.104	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5
Zinc	**41.5**		2.06	1.71	mg/Kg	☼	02/09/26 12:45	02/10/26 20:18	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.132	0.0193	mg/Kg	☼	02/11/26 08:30	02/12/26 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.28	0.128	mg/Kg	☼	02/09/26 10:03	02/10/26 22:51	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.556**	**J**	1.32	0.424	mg/Kg	☼		02/11/26 15:07	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6
Date Collected: 02/03/26 12:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.231	0.0511	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Benzene	ND		0.0116	0.00175	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Bromobenzene	ND		0.0116	0.00218	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Bromoform	ND		0.0116	0.00490	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Bromomethane	ND		0.0116	0.00456	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
2-Butanone (MEK)	ND		0.116	0.0129	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Carbon disulfide	ND		0.0231	0.00592	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Carbon tetrachloride	ND		0.0116	0.00219	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Chlorobenzene	ND		0.0116	0.00194	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Chlorobromomethane	ND		0.0116	0.00277	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Chlorodibromomethane	ND		0.0116	0.00184	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Chloroethane	ND		0.0231	0.00437	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Chloroform	ND		0.0116	0.00224	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Chloromethane	ND		0.0231	0.00342	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
2-Chlorotoluene	ND		0.0116	0.00250	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
4-Chlorotoluene	ND		0.0116	0.00252	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
cis-1,2-Dichloroethene	ND		0.0116	0.00277	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
cis-1,3-Dichloropropene	ND		0.0116	0.00271	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2-Dibromo-3-Chloropropane	ND		0.0116	0.00476	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Dibromomethane	ND		0.0116	0.00234	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2-Dichlorobenzene	ND		0.0116	0.00250	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,3-Dichlorobenzene	ND		0.0116	0.00184	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,4-Dichlorobenzene	ND		0.0116	0.00268	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Dichlorobromomethane	ND		0.0116	0.00217	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1-Dichloroethane	ND		0.0116	0.00209	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2-Dichloroethane	ND		0.0116	0.00280	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1-Dichloroethene	ND		0.0116	0.00275	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2-Dichloropropane	ND		0.0116	0.00158	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,3-Dichloropropane	ND		0.0116	0.00266	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
2,2-Dichloropropane	ND		0.0116	0.00268	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1-Dichloropropene	ND		0.0116	0.00236	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Ethyl acetate	ND		0.116	0.116	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Ethylbenzene	ND		0.0116	0.00247	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Ethylene Dibromide	ND		0.0116	0.00202	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Hexachlorobutadiene	ND		0.0116	0.00370	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Hexane	ND		0.0231	0.0231	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
2-Hexanone	ND		0.0231	0.0170	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Iodomethane	ND		0.0231	0.00442	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Isopropylbenzene	ND		0.0116	0.00340	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Isopropyl ether	ND		0.0231	0.0231	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
4-Isopropyltoluene	ND		0.0116	0.00786	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Methylene Chloride	ND		0.0462	0.0130	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.0231	0.00754	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Methyl tert-butyl ether	ND		0.0116	0.00405	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
m-Xylene & p-Xylene	ND		0.0231	0.00502	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Naphthalene	ND		0.0116	0.00890	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
n-Butylbenzene	ND		0.0116	0.00407	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
n-Heptane	ND		0.0231	0.0231	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
N-Propylbenzene	ND		0.0116	0.00240	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6
Date Collected: 02/03/26 12:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0116	0.00305	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
sec-Butylbenzene	ND		0.0116	0.00264	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Styrene	ND		0.0116	0.00587	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
tert-Butylbenzene	ND		0.0116	0.00275	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1,1,2-Tetrachloroethane	ND		0.0116	0.00229	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1,2,2-Tetrachloroethane	ND		0.0116	0.00301	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Tetrachloroethene	ND		0.0116	0.00188	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Toluene	ND		0.0116	0.00227	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
trans-1,4-Dichloro-2-butene	ND		0.0231	0.0117	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
trans-1,2-Dichloroethene	ND		0.0116	0.00280	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
trans-1,3-Dichloropropene	ND		0.0116	0.00238	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2,3-Trichlorobenzene	ND		0.0116	0.00604	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2,4-Trichlorobenzene	ND		0.0116	0.00465	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1,1-Trichloroethane	ND		0.0116	0.00333	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1,2-Trichloroethane	ND		0.0116	0.00208	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Trichloroethene	ND		0.0116	0.00160	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Trichlorofluoromethane	ND		0.0116	0.00437	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2,3-Trichloropropane	ND		0.0116	0.00310	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0231	0.00230	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,2,4-Trimethylbenzene	ND		0.0116	0.00271	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
1,3,5-Trimethylbenzene	ND		0.0116	0.00287	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Vinyl acetate	ND		0.0231	0.00768	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Vinyl chloride	ND		0.0231	0.00382	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1
Xylenes, Total	ND		0.0116	0.00305	mg/Kg	☼	02/11/26 18:49	02/11/26 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 127*	*02/11/26 18:49*	*02/11/26 21:14*	*1*
Dibromofluoromethane	*111*		*80 - 119*	*02/11/26 18:49*	*02/11/26 21:14*	*1*
Toluene-d8 (Surr)	*103*		*71 - 129*	*02/11/26 18:49*	*02/11/26 21:14*	*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	**0.00919**		0.00803	0.00803	mg/Kg	☼	02/06/26 13:19	02/10/26 13:07	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*02/06/26 13:19*	*02/10/26 13:07*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.864	0.0251	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,4,5-Trichlorophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,4,6-Trichlorophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,4-Dichlorophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,4-Dimethylphenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,4-Dinitrophenol	ND		2.59	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,4-Dinitrotoluene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2,6-Dinitrotoluene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2-Chloronaphthalene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2-Chlorophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2-Methylnaphthalene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2-Methylphenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6
Date Collected: 02/03/26 12:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
2-Nitrophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
3 & 4 Methylphenol	ND		1.73	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
3,3'-Dichlorobenzidine	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
3-Nitroaniline	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4,6-Dinitro-2-methylphenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4-Bromophenyl phenyl ether	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4-Chloro-3-methylphenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4-Chloroaniline	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4-Chlorophenyl phenyl ether	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4-Nitroaniline	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
4-Nitrophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Acenaphthene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Acenaphthylene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Acetophenone	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Anthracene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Atrazine	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Benzaldehyde	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Benzo[a]anthracene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Benzo[a]pyrene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Benzo[b]fluoranthene	**0.0881**	**J**	0.864	0.00367	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Benzo[g,h,i]perylene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Benzo[k]fluoranthene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
bis (2-chloroisopropyl) ether	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Bis(2-chloroethoxy)methane	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Bis(2-chloroethyl)ether	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Bis(2-ethylhexyl) phthalate	ND		0.864	0.262	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Butyl benzyl phthalate	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Caprolactam	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Carbazole	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Chrysene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Dibenz(a,h)anthracene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Dibenzofuran	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Diethyl phthalate	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Dimethyl phthalate	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Di-n-butyl phthalate	ND		2.59	0.786	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Di-n-octyl phthalate	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Fluoranthene	**0.108**	**J**	0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Fluorene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Hexachlorobenzene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Hexachlorobutadiene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Hexachlorocyclopentadiene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Hexachloroethane	ND	*+	0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Indeno[1,2,3-cd]pyrene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Isophorone	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Naphthalene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Nitrobenzene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
N-Nitrosodi-n-propylamine	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
N-Nitrosodiphenylamine	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6
Date Collected: 02/03/26 12:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Phenanthrene	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Phenol	ND		0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2
Pyrene	**0.101**	**J**	0.864	0.0864	mg/Kg	☼	02/06/26 13:22	02/11/26 02:40	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:40*	*2*
2-Fluorobiphenyl (Surr)	*108*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:40*	*2*
2-Fluorophenol (Surr)	*106*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:40*	*2*
Nitrobenzene-d5 (Surr)	*108*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:40*	*2*
Phenol-d5 (Surr)	*101*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:40*	*2*
Terphenyl-d14 (Surr)	*106*		*40 - 140*	*02/06/26 13:22*	*02/11/26 02:40*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.38	0.981	mg/Kg	☼		02/10/26 23:09	1
Sulfate	**33.7**		13.5	13.3	mg/Kg	☼		02/10/26 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.984	0.225	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Arsenic	**0.910**		0.591	0.0527	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Barium	**31.0**		2.46	0.0139	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Beryllium	**0.155**	**J**	0.492	0.0345	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Cadmium	**0.113**	**J**	0.492	0.0160	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Chromium	**7.53**		0.984	0.203	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Cobalt	**6.85**		0.738	0.0279	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Copper	**10.7**	**B**	0.492	0.0512	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Lead	**14.6**		0.492	0.0581	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Manganese	**137**		0.984	0.0605	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Nickel	**25.0**	**B**	0.984	0.0257	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Selenium	**0.309**	**J**	2.46	0.175	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Silver	**0.0111**	**J**	0.246	0.00285	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Thallium	ND		0.689	0.0415	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Vanadium	**15.4**	**B**	0.984	0.124	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	5
Zinc	**55.1**		2.46	2.04	mg/Kg	☼	02/09/26 12:45	02/10/26 20:40	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	☼	02/11/26 08:30	02/12/26 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.28	0.128	mg/Kg	☼	02/09/26 10:03	02/10/26 23:29	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.721**	**J**	1.33	0.427	mg/Kg	☼		02/11/26 15:09	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7
Date Collected: 02/03/26 11:30
Matrix: Solid
Date Received: 02/03/26 16:40
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		0.263	0.0582	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Benzene	**0.00207**	**J**	0.0132	0.00199	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Bromobenzene	ND		0.0132	0.00248	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Bromoform	ND		0.0132	0.00558	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Bromomethane	ND		0.0132	0.00518	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
2-Butanone (MEK)	ND		0.132	0.0146	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Carbon disulfide	ND		0.0263	0.00674	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Carbon tetrachloride	ND		0.0132	0.00249	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Chlorobenzene	ND		0.0132	0.00221	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Chlorobromomethane	ND		0.0132	0.00316	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Chlorodibromomethane	ND		0.0132	0.00209	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Chloroethane	ND		0.0263	0.00497	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Chloroform	ND		0.0132	0.00255	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Chloromethane	ND		0.0263	0.00389	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
2-Chlorotoluene	ND		0.0132	0.00284	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
4-Chlorotoluene	ND		0.0132	0.00287	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
cis-1,2-Dichloroethene	ND		0.0132	0.00316	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
cis-1,3-Dichloropropene	ND		0.0132	0.00308	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2-Dibromo-3-Chloropropane	ND		0.0132	0.00542	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Dibromomethane	ND		0.0132	0.00266	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2-Dichlorobenzene	ND		0.0132	0.00284	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,3-Dichlorobenzene	ND		0.0132	0.00209	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,4-Dichlorobenzene	ND		0.0132	0.00305	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Dichlorobromomethane	ND		0.0132	0.00247	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1-Dichloroethane	ND		0.0132	0.00238	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2-Dichloroethane	ND		0.0132	0.00318	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1-Dichloroethene	ND		0.0132	0.00313	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2-Dichloropropane	ND		0.0132	0.00180	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,3-Dichloropropane	ND		0.0132	0.00303	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
2,2-Dichloropropane	ND		0.0132	0.00305	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1-Dichloropropene	ND		0.0132	0.00268	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Ethyl acetate	ND		0.132	0.132	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Ethylbenzene	ND		0.0132	0.00282	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Ethylene Dibromide	ND		0.0132	0.00230	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Hexachlorobutadiene	ND		0.0132	0.00421	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Hexane	ND		0.0263	0.0263	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
2-Hexanone	ND		0.0263	0.0194	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Iodomethane	ND		0.0263	0.00503	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Isopropylbenzene	ND		0.0132	0.00387	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Isopropyl ether	ND		0.0263	0.0263	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
4-Isopropyltoluene	ND		0.0132	0.00895	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Methylene Chloride	ND		0.0526	0.0148	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.0263	0.00858	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Methyl tert-butyl ether	ND		0.0132	0.00461	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
m-Xylene & p-Xylene	ND		0.0263	0.00571	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Naphthalene	ND		0.0132	0.0101	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
n-Butylbenzene	ND		0.0132	0.00463	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
n-Heptane	ND		0.0263	0.0263	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
N-Propylbenzene	ND		0.0132	0.00274	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7
Date Collected: 02/03/26 11:30
Matrix: Solid
Date Received: 02/03/26 16:40
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		0.0132	0.00347	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
sec-Butylbenzene	ND		0.0132	0.00300	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Styrene	ND		0.0132	0.00668	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
tert-Butylbenzene	ND		0.0132	0.00313	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1,1,2-Tetrachloroethane	ND		0.0132	0.00260	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1,2,2-Tetrachloroethane	ND		0.0132	0.00342	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Tetrachloroethene	ND		0.0132	0.00214	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Toluene	**0.00286**	**J**	0.0132	0.00258	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
trans-1,4-Dichloro-2-butene	ND		0.0263	0.0133	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
trans-1,2-Dichloroethene	ND		0.0132	0.00318	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
trans-1,3-Dichloropropene	ND		0.0132	0.00271	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2,3-Trichlorobenzene	ND		0.0132	0.00687	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2,4-Trichlorobenzene	ND		0.0132	0.00529	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1,1-Trichloroethane	ND		0.0132	0.00379	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1,2-Trichloroethane	ND		0.0132	0.00237	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Trichloroethene	ND		0.0132	0.00183	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Trichlorofluoromethane	ND		0.0132	0.00497	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2,3-Trichloropropane	ND		0.0132	0.00353	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0263	0.00261	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,2,4-Trimethylbenzene	ND		0.0132	0.00308	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
1,3,5-Trimethylbenzene	ND		0.0132	0.00326	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Vinyl acetate	ND		0.0263	0.00874	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Vinyl chloride	ND		0.0263	0.00434	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1
Xylenes, Total	ND		0.0132	0.00347	mg/Kg	☼	02/11/26 18:49	02/11/26 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*02/11/26 18:49*	*02/11/26 21:37*	*1*
Dibromofluoromethane	*111*		*80 - 119*	*02/11/26 18:49*	*02/11/26 21:37*	*1*
Toluene-d8 (Surr)	*103*		*71 - 129*	*02/11/26 18:49*	*02/11/26 21:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.0106**		0.00793	0.00793	mg/Kg	☼	02/06/26 13:19	02/10/26 13:28	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*02/06/26 13:19*	*02/10/26 13:28*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.877	0.0255	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,4,5-Trichlorophenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,4,6-Trichlorophenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,4-Dichlorophenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,4-Dimethylphenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,4-Dinitrophenol	ND		2.63	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,4-Dinitrotoluene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2,6-Dinitrotoluene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2-Chloronaphthalene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2-Chlorophenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2-Methylnaphthalene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2-Methylphenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7
Date Collected: 02/03/26 11:30
Matrix: Solid
Date Received: 02/03/26 16:40
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		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
2-Nitrophenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
3 & 4 Methylphenol	ND		1.75	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
3,3'-Dichlorobenzidine	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
3-Nitroaniline	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4,6-Dinitro-2-methylphenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4-Bromophenyl phenyl ether	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4-Chloro-3-methylphenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4-Chloroaniline	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4-Chlorophenyl phenyl ether	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4-Nitroaniline	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
4-Nitrophenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Acenaphthene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Acenaphthylene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Acetophenone	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Anthracene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Atrazine	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Benzaldehyde	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Benzo[a]anthracene	**0.112**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Benzo[a]pyrene	**0.142**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Benzo[b]fluoranthene	**0.194**	**J**	0.877	0.00372	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Benzo[g,h,i]perylene	**0.120**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Benzo[k]fluoranthene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
bis (2-chloroisopropyl) ether	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Bis(2-chloroethoxy)methane	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Bis(2-chloroethyl)ether	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Bis(2-ethylhexyl) phthalate	ND		0.877	0.266	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Butyl benzyl phthalate	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Caprolactam	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Carbazole	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Chrysene	**0.129**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Dibenz(a,h)anthracene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Dibenzofuran	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Diethyl phthalate	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Dimethyl phthalate	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Di-n-butyl phthalate	ND		2.63	0.797	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Di-n-octyl phthalate	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Fluoranthene	**0.162**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Fluorene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Hexachlorobenzene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Hexachlorobutadiene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Hexachlorocyclopentadiene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Hexachloroethane	ND	*+	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Indeno[1,2,3-cd]pyrene	**0.108**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Isophorone	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Naphthalene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Nitrobenzene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
N-Nitrosodi-n-propylamine	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
N-Nitrosodiphenylamine	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7
Date Collected: 02/03/26 11:30
Matrix: Solid
Date Received: 02/03/26 16:40
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		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Phenanthrene	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Phenol	ND		0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2
Pyrene	**0.169**	**J**	0.877	0.0877	mg/Kg	☼	02/06/26 13:22	02/11/26 03:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:10*	*2*
2-Fluorobiphenyl (Surr)	*109*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:10*	*2*
2-Fluorophenol (Surr)	*100*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:10*	*2*
Nitrobenzene-d5 (Surr)	*107*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:10*	*2*
Phenol-d5 (Surr)	*102*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:10*	*2*
Terphenyl-d14 (Surr)	*105*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:10*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.995**	**J**	3.34	0.969	mg/Kg	☼		02/10/26 23:21	1
Sulfate	**27.5**		13.4	13.1	mg/Kg	☼		02/10/26 23:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.744	0.170	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Arsenic	**1.15**		0.447	0.0398	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Barium	**16.6**		1.86	0.0105	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Beryllium	**0.139**	**J**	0.372	0.0261	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Cadmium	**0.137**	**J**	0.372	0.0121	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Chromium	**9.14**		0.744	0.153	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Cobalt	**5.19**		0.558	0.0211	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Copper	**11.4**	**B**	0.372	0.0387	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Lead	**159**		0.372	0.0439	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Manganese	**118**		0.744	0.0458	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Nickel	**19.9**	**B**	0.744	0.0195	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Selenium	**0.314**	**J**	1.86	0.132	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Silver	**0.0137**	**J**	0.186	0.00216	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Thallium	ND		0.521	0.0314	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Vanadium	**11.3**	**B**	0.744	0.0934	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5
Zinc	**59.1**		1.86	1.54	mg/Kg	☼	02/09/26 12:45	02/10/26 20:43	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.122	0.0178	mg/Kg	☼	02/11/26 08:30	02/12/26 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.22	0.122	mg/Kg	☼	02/09/26 10:03	02/10/26 23:42	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.27**	**J F1**	1.30	0.416	mg/Kg	☼		02/12/26 13:12	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8
Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.264	0.0583	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Benzene	ND		0.0132	0.00199	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Bromobenzene	ND		0.0132	0.00249	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Bromoform	ND		0.0132	0.00559	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Bromomethane	ND		0.0132	0.00520	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
2-Butanone (MEK)	ND		0.132	0.0147	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Carbon disulfide	ND		0.0264	0.00675	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Carbon tetrachloride	ND		0.0132	0.00250	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Chlorobenzene	ND		0.0132	0.00221	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Chlorobromomethane	ND		0.0132	0.00317	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Chlorodibromomethane	ND		0.0132	0.00210	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Chloroethane	ND		0.0264	0.00499	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Chloroform	ND		0.0132	0.00256	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Chloromethane	ND		0.0264	0.00390	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
2-Chlorotoluene	ND		0.0132	0.00285	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
4-Chlorotoluene	ND		0.0132	0.00288	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
cis-1,2-Dichloroethene	ND		0.0132	0.00317	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
cis-1,3-Dichloropropene	ND		0.0132	0.00309	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2-Dibromo-3-Chloropropane	ND		0.0132	0.00543	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Dibromomethane	ND		0.0132	0.00266	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2-Dichlorobenzene	ND		0.0132	0.00285	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,3-Dichlorobenzene	ND		0.0132	0.00210	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,4-Dichlorobenzene	ND		0.0132	0.00306	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Dichlorobromomethane	ND		0.0132	0.00247	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1-Dichloroethane	ND		0.0132	0.00239	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2-Dichloroethane	ND		0.0132	0.00319	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1-Dichloroethene	ND		0.0132	0.00314	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2-Dichloropropane	ND		0.0132	0.00181	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,3-Dichloropropane	ND		0.0132	0.00303	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
2,2-Dichloropropane	ND		0.0132	0.00306	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1-Dichloropropene	ND		0.0132	0.00269	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Ethyl acetate	ND		0.132	0.132	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Ethylbenzene	ND		0.0132	0.00282	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Ethylene Dibromide	ND		0.0132	0.00230	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Hexachlorobutadiene	ND		0.0132	0.00422	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Hexane	ND		0.0264	0.0264	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
2-Hexanone	ND		0.0264	0.0194	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Iodomethane	ND		0.0264	0.00504	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Isopropylbenzene	ND		0.0132	0.00388	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Isopropyl ether	ND		0.0264	0.0264	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
4-Isopropyltoluene	ND		0.0132	0.00897	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Methylene Chloride	ND		0.0528	0.0148	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.0264	0.00860	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Methyl tert-butyl ether	ND		0.0132	0.00462	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
m-Xylene & p-Xylene	ND		0.0264	0.00572	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Naphthalene	ND		0.0132	0.0102	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
n-Butylbenzene	ND		0.0132	0.00464	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
n-Heptane	ND		0.0264	0.0264	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
N-Propylbenzene	ND		0.0132	0.00274	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8
Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0132	0.00348	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
sec-Butylbenzene	ND		0.0132	0.00301	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Styrene	ND		0.0132	0.00670	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
tert-Butylbenzene	ND		0.0132	0.00314	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1,1,2-Tetrachloroethane	ND		0.0132	0.00261	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1,2,2-Tetrachloroethane	ND		0.0132	0.00343	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Tetrachloroethene	ND		0.0132	0.00215	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Toluene	ND		0.0132	0.00259	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
trans-1,4-Dichloro-2-butene	ND		0.0264	0.0133	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
trans-1,2-Dichloroethene	ND		0.0132	0.00319	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
trans-1,3-Dichloropropene	ND		0.0132	0.00272	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2,3-Trichlorobenzene	ND		0.0132	0.00689	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2,4-Trichlorobenzene	ND		0.0132	0.00530	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1,1-Trichloroethane	ND		0.0132	0.00380	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1,2-Trichloroethane	ND		0.0132	0.00237	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Trichloroethene	ND		0.0132	0.00183	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Trichlorofluoromethane	ND		0.0132	0.00499	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2,3-Trichloropropane	**0.00648**	**J**	0.0132	0.00353	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0264	0.00262	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,2,4-Trimethylbenzene	ND		0.0132	0.00309	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
1,3,5-Trimethylbenzene	ND		0.0132	0.00327	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Vinyl acetate	ND		0.0264	0.00876	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Vinyl chloride	ND		0.0264	0.00435	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1
Xylenes, Total	ND		0.0132	0.00348	mg/Kg	☼	02/11/26 18:49	02/11/26 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 127*	*02/11/26 18:49*	*02/11/26 22:01*	*1*
Dibromofluoromethane	*103*		*80 - 119*	*02/11/26 18:49*	*02/11/26 22:01*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*	*02/11/26 18:49*	*02/11/26 22:01*	*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	**0.0110**		0.00750	0.00750	mg/Kg	☼	02/06/26 13:19	02/10/26 13:49	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 150*	*02/06/26 13:19*	*02/10/26 13:49*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.812	0.0236	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,4,5-Trichlorophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,4,6-Trichlorophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,4-Dichlorophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,4-Dimethylphenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,4-Dinitrophenol	ND		2.44	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,4-Dinitrotoluene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2,6-Dinitrotoluene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2-Chloronaphthalene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2-Chlorophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2-Methylnaphthalene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2-Methylphenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8
Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
2-Nitrophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
3 & 4 Methylphenol	ND		1.62	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
3,3'-Dichlorobenzidine	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
3-Nitroaniline	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4,6-Dinitro-2-methylphenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4-Bromophenyl phenyl ether	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4-Chloro-3-methylphenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4-Chloroaniline	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4-Chlorophenyl phenyl ether	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4-Nitroaniline	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
4-Nitrophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Acenaphthene	**0.115**	**J**	0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Acenaphthylene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Acetophenone	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Anthracene	**0.127**	**J**	0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Atrazine	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Benzaldehyde	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Benzo[a]anthracene	**1.27**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Benzo[a]pyrene	**1.24**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Benzo[b]fluoranthene	**1.67**		0.812	0.00345	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Benzo[g,h,i]perylene	**0.854**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Benzo[k]fluoranthene	**0.623**	**J**	0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
bis (2-chloroisopropyl) ether	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Bis(2-chloroethoxy)methane	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Bis(2-chloroethyl)ether	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Bis(2-ethylhexyl) phthalate	ND		0.812	0.246	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Butyl benzyl phthalate	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Caprolactam	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Carbazole	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Chrysene	**1.13**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Dibenz(a,h)anthracene	**0.207**	**J**	0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Dibenzofuran	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Diethyl phthalate	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Dimethyl phthalate	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Di-n-butyl phthalate	ND		2.44	0.738	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Di-n-octyl phthalate	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Fluoranthene	**2.13**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Fluorene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Hexachlorobenzene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Hexachlorobutadiene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Hexachlorocyclopentadiene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Hexachloroethane	ND	*+	0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Indeno[1,2,3-cd]pyrene	**0.897**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Isophorone	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Naphthalene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Nitrobenzene	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
N-Nitrosodi-n-propylamine	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
N-Nitrosodiphenylamine	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8
Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Phenanthrene	**0.402**	**J**	0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Phenol	ND		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2
Pyrene	**1.79**		0.812	0.0812	mg/Kg	☼	02/06/26 13:22	02/11/26 03:40	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:40*	*2*
2-Fluorobiphenyl (Surr)	*115*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:40*	*2*
2-Fluorophenol (Surr)	*105*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:40*	*2*
Nitrobenzene-d5 (Surr)	*110*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:40*	*2*
Phenol-d5 (Surr)	*89*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:40*	*2*
Terphenyl-d14 (Surr)	*112*		*40 - 140*	*02/06/26 13:22*	*02/11/26 03:40*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		3.21	0.929	mg/Kg	☼		02/10/26 23:32	1
Sulfate	**38.4**		12.8	12.6	mg/Kg	☼		02/10/26 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.844	0.193	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Arsenic	**1.92**		0.506	0.0451	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Barium	**32.9**		2.11	0.0119	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Beryllium	**0.444**		0.422	0.0296	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Cadmium	**0.176**	**J**	0.422	0.0138	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Chromium	**9.47**		0.844	0.174	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Cobalt	**5.69**		0.633	0.0239	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Copper	**21.5**	**B**	0.422	0.0439	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Lead	**26.0**		0.422	0.0498	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Manganese	**131**		0.844	0.0519	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Nickel	**21.3**	**B**	0.844	0.0221	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Selenium	**0.737**	**J**	2.11	0.150	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Silver	**0.0151**	**J**	0.211	0.00245	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Thallium	ND		0.591	0.0356	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Vanadium	**21.3**	**B**	0.844	0.106	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5
Zinc	**88.2**		2.11	1.75	mg/Kg	☼	02/09/26 12:45	02/10/26 20:46	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.125	0.0183	mg/Kg	☼	02/11/26 08:30	02/12/26 09:16	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	☼	02/09/26 10:03	02/10/26 23:54	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.903**	**J**	1.25	0.401	mg/Kg	☼		02/12/26 13:20	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9
Date Collected: 02/03/26 10:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.173	0.0383	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Benzene	ND		0.00867	0.00131	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Bromobenzene	ND		0.00867	0.00164	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Bromoform	ND		0.00867	0.00368	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Bromomethane	ND		0.00867	0.00342	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
2-Butanone (MEK)	ND		0.0867	0.00964	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Carbon disulfide	ND		0.0173	0.00444	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Carbon tetrachloride	ND		0.00867	0.00164	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Chlorobenzene	ND		0.00867	0.00146	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Chlorobromomethane	ND		0.00867	0.00208	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Chlorodibromomethane	ND		0.00867	0.00138	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Chloroethane	ND		0.0173	0.00328	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Chloroform	ND		0.00867	0.00168	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Chloromethane	ND		0.0173	0.00257	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
2-Chlorotoluene	ND		0.00867	0.00187	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
4-Chlorotoluene	ND		0.00867	0.00189	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
cis-1,2-Dichloroethene	ND		0.00867	0.00208	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
cis-1,3-Dichloropropene	ND		0.00867	0.00203	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2-Dibromo-3-Chloropropane	ND		0.00867	0.00357	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Dibromomethane	ND		0.00867	0.00175	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2-Dichlorobenzene	ND		0.00867	0.00187	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,3-Dichlorobenzene	ND		0.00867	0.00138	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,4-Dichlorobenzene	ND		0.00867	0.00201	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Dichlorobromomethane	ND		0.00867	0.00163	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1-Dichloroethane	ND		0.00867	0.00157	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2-Dichloroethane	ND		0.00867	0.00210	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1-Dichloroethene	ND		0.00867	0.00206	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2-Dichloropropane	ND		0.00867	0.00119	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,3-Dichloropropane	ND		0.00867	0.00199	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
2,2-Dichloropropane	ND		0.00867	0.00201	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1-Dichloropropene	ND		0.00867	0.00177	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Ethyl acetate	ND		0.0867	0.0867	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Ethylbenzene	ND		0.00867	0.00186	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Ethylene Dibromide	ND		0.00867	0.00151	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Hexachlorobutadiene	ND		0.00867	0.00278	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Hexane	ND		0.0173	0.0173	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
2-Hexanone	ND		0.0173	0.0128	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Iodomethane	ND		0.0173	0.00331	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Isopropylbenzene	ND		0.00867	0.00255	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Isopropyl ether	ND		0.0173	0.0173	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
4-Isopropyltoluene	ND		0.00867	0.00590	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Methylene Chloride	ND		0.0347	0.00975	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.0173	0.00565	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Methyl tert-butyl ether	ND		0.00867	0.00304	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
m-Xylene & p-Xylene	ND		0.0173	0.00376	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Naphthalene	ND		0.00867	0.00668	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
n-Butylbenzene	ND		0.00867	0.00305	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
n-Heptane	ND		0.0173	0.0173	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
N-Propylbenzene	ND		0.00867	0.00180	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9
Date Collected: 02/03/26 10:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.00867	0.00229	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
sec-Butylbenzene	ND		0.00867	0.00198	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Styrene	ND		0.00867	0.00441	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
tert-Butylbenzene	ND		0.00867	0.00206	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1,1,2-Tetrachloroethane	ND		0.00867	0.00172	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1,2,2-Tetrachloroethane	ND		0.00867	0.00225	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Tetrachloroethene	ND		0.00867	0.00141	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Toluene	ND		0.00867	0.00170	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
trans-1,4-Dichloro-2-butene	ND		0.0173	0.00874	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
trans-1,2-Dichloroethene	ND		0.00867	0.00210	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
trans-1,3-Dichloropropene	ND		0.00867	0.00179	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2,3-Trichlorobenzene	ND		0.00867	0.00453	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2,4-Trichlorobenzene	ND		0.00867	0.00349	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1,1-Trichloroethane	ND		0.00867	0.00250	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1,2-Trichloroethane	ND		0.00867	0.00156	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Trichloroethene	ND		0.00867	0.00120	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Trichlorofluoromethane	ND		0.00867	0.00328	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2,3-Trichloropropane	ND		0.00867	0.00232	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0173	0.00172	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,2,4-Trimethylbenzene	ND		0.00867	0.00203	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
1,3,5-Trimethylbenzene	ND		0.00867	0.00215	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Vinyl acetate	ND		0.0173	0.00576	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Vinyl chloride	ND		0.0173	0.00286	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1
Xylenes, Total	ND		0.00867	0.00229	mg/Kg	☼	02/11/26 18:49	02/11/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 127*	*02/11/26 18:49*	*02/11/26 22:25*	*1*
Dibromofluoromethane	*111*		*80 - 119*	*02/11/26 18:49*	*02/11/26 22:25*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/11/26 18:49*	*02/11/26 22:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00875**		0.00723	0.00723	mg/Kg	☼	02/06/26 13:19	02/10/26 14:11	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*42*		*10 - 150*	*02/06/26 13:19*	*02/10/26 14:11*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.802	0.0233	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,4,5-Trichlorophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,4,6-Trichlorophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,4-Dichlorophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,4-Dimethylphenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,4-Dinitrophenol	ND		2.40	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,4-Dinitrotoluene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2,6-Dinitrotoluene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2-Chloronaphthalene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2-Chlorophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2-Methylnaphthalene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2-Methylphenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9
Date Collected: 02/03/26 10:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
2-Nitrophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
3 & 4 Methylphenol	ND		1.60	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
3,3'-Dichlorobenzidine	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
3-Nitroaniline	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4,6-Dinitro-2-methylphenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4-Bromophenyl phenyl ether	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4-Chloro-3-methylphenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4-Chloroaniline	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4-Chlorophenyl phenyl ether	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4-Nitroaniline	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
4-Nitrophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Acenaphthene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Acenaphthylene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Acetophenone	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Anthracene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Atrazine	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Benzaldehyde	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Benzo[a]anthracene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Benzo[a]pyrene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Benzo[b]fluoranthene	**0.0782**	**J**	0.802	0.00340	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Benzo[g,h,i]perylene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Benzo[k]fluoranthene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
bis (2-chloroisopropyl) ether	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Bis(2-chloroethoxy)methane	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Bis(2-chloroethyl)ether	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Bis(2-ethylhexyl) phthalate	ND		0.802	0.243	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Butyl benzyl phthalate	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Caprolactam	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Carbazole	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Chrysene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Dibenz(a,h)anthracene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Dibenzofuran	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Diethyl phthalate	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Dimethyl phthalate	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Di-n-butyl phthalate	ND		2.40	0.729	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Di-n-octyl phthalate	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Fluoranthene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Fluorene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Hexachlorobenzene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Hexachlorobutadiene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Hexachlorocyclopentadiene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Hexachloroethane	ND	*+	0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Indeno[1,2,3-cd]pyrene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Isophorone	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Naphthalene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Nitrobenzene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
N-Nitrosodi-n-propylamine	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
N-Nitrosodiphenylamine	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9
Date Collected: 02/03/26 10:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Phenanthrene	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Phenol	ND		0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2
Pyrene	**0.0923**	**J**	0.802	0.0802	mg/Kg	☼	02/06/26 13:22	02/11/26 04:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:10*	*2*
2-Fluorobiphenyl (Surr)	*111*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:10*	*2*
2-Fluorophenol (Surr)	*103*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:10*	*2*
Nitrobenzene-d5 (Surr)	*110*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:10*	*2*
Phenol-d5 (Surr)	*85*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:10*	*2*
Terphenyl-d14 (Surr)	*110*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:10*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.06**	**J**	3.05	0.884	mg/Kg	☼		02/10/26 23:44	1
Sulfate	**20.0**		12.2	12.0	mg/Kg	☼		02/10/26 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.730	0.167	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Arsenic	**2.26**		0.438	0.0391	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Barium	**17.0**		1.83	0.0103	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Beryllium	**0.199**	**J**	0.365	0.0256	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Cadmium	**0.159**	**J**	0.365	0.0119	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Chromium	**9.21**		0.730	0.150	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Cobalt	**5.80**		0.548	0.0207	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Copper	**12.9**	**B**	0.365	0.0380	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Lead	**12.4**		0.365	0.0431	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Manganese	**154**		0.730	0.0449	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Nickel	**17.3**	**B**	0.730	0.0191	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Selenium	**0.375**	**J**	1.83	0.130	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Silver	**0.0114**	**J**	0.183	0.00212	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Thallium	ND		0.511	0.0308	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Vanadium	**12.2**	**B**	0.730	0.0917	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5
Zinc	**63.4**		1.83	1.52	mg/Kg	☼	02/09/26 12:45	02/10/26 20:49	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.118	0.0173	mg/Kg	☼	02/11/26 08:30	02/12/26 09:20	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	☼	02/09/26 10:03	02/11/26 00:07	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.94**		1.20	0.383	mg/Kg	☼		02/12/26 13:23	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10
Date Collected: 02/03/26 00:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.283	0.0626	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Benzene	ND		0.0142	0.00214	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Bromobenzene	ND		0.0142	0.00267	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Bromoform	ND		0.0142	0.00601	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Bromomethane	ND		0.0142	0.00558	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
2-Butanone (MEK)	ND		0.142	0.0158	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Carbon disulfide	ND		0.0283	0.00726	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Carbon tetrachloride	ND		0.0142	0.00268	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Chlorobenzene	ND		0.0142	0.00238	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Chlorobromomethane	ND		0.0142	0.00340	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Chlorodibromomethane	ND		0.0142	0.00225	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Chloroethane	ND		0.0283	0.00536	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Chloroform	ND		0.0142	0.00275	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Chloromethane	ND		0.0283	0.00420	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
2-Chlorotoluene	ND		0.0142	0.00306	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
4-Chlorotoluene	ND		0.0142	0.00309	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
cis-1,2-Dichloroethene	ND		0.0142	0.00340	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
cis-1,3-Dichloropropene	ND		0.0142	0.00332	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2-Dibromo-3-Chloropropane	ND		0.0142	0.00584	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Dibromomethane	ND		0.0142	0.00286	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2-Dichlorobenzene	ND		0.0142	0.00306	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,3-Dichlorobenzene	ND		0.0142	0.00226	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,4-Dichlorobenzene	ND		0.0142	0.00329	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Dichlorobromomethane	ND		0.0142	0.00266	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1-Dichloroethane	ND		0.0142	0.00257	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2-Dichloroethane	ND		0.0142	0.00343	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1-Dichloroethene	ND		0.0142	0.00337	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2-Dichloropropane	ND		0.0142	0.00194	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,3-Dichloropropane	ND		0.0142	0.00326	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
2,2-Dichloropropane	ND		0.0142	0.00329	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1-Dichloropropene	ND		0.0142	0.00289	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Ethyl acetate	ND		0.142	0.142	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Ethylbenzene	ND		0.0142	0.00303	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Ethylene Dibromide	ND		0.0142	0.00247	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Hexachlorobutadiene	ND		0.0142	0.00454	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Hexane	ND		0.0283	0.0283	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
2-Hexanone	ND		0.0283	0.0209	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Iodomethane	ND		0.0283	0.00541	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Isopropylbenzene	ND		0.0142	0.00417	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Isopropyl ether	ND		0.0283	0.0283	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
4-Isopropyltoluene	ND		0.0142	0.00964	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Methylene Chloride	ND		0.0567	0.0159	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.0283	0.00924	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Methyl tert-butyl ether	ND		0.0142	0.00496	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
m-Xylene & p-Xylene	ND		0.0283	0.00615	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Naphthalene	ND		0.0142	0.0109	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
n-Butylbenzene	ND		0.0142	0.00499	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
n-Heptane	ND		0.0283	0.0283	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
N-Propylbenzene	ND		0.0142	0.00295	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10
Date Collected: 02/03/26 00:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.0142	0.00374	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
sec-Butylbenzene	ND		0.0142	0.00323	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Styrene	ND		0.0142	0.00720	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
tert-Butylbenzene	ND		0.0142	0.00337	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1,1,2-Tetrachloroethane	ND		0.0142	0.00280	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1,2,2-Tetrachloroethane	ND		0.0142	0.00369	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Tetrachloroethene	ND		0.0142	0.00231	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Toluene	ND		0.0142	0.00278	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
trans-1,4-Dichloro-2-butene	ND		0.0283	0.0143	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
trans-1,2-Dichloroethene	ND		0.0142	0.00343	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
trans-1,3-Dichloropropene	ND		0.0142	0.00292	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2,3-Trichlorobenzene	ND		0.0142	0.00740	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2,4-Trichlorobenzene	ND		0.0142	0.00570	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1,1-Trichloroethane	ND		0.0142	0.00408	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1,2-Trichloroethane	ND		0.0142	0.00255	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Trichloroethene	ND		0.0142	0.00197	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Trichlorofluoromethane	ND		0.0142	0.00536	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2,3-Trichloropropane	ND		0.0142	0.00380	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0283	0.00281	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,2,4-Trimethylbenzene	ND		0.0142	0.00332	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
1,3,5-Trimethylbenzene	ND		0.0142	0.00352	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Vinyl acetate	ND		0.0283	0.00941	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Vinyl chloride	ND		0.0283	0.00468	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1
Xylenes, Total	ND		0.0142	0.00374	mg/Kg	☼	02/11/26 18:49	02/11/26 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 127*	*02/11/26 18:49*	*02/11/26 22:49*	*1*
Dibromofluoromethane	*107*		*80 - 119*	*02/11/26 18:49*	*02/11/26 22:49*	*1*
Toluene-d8 (Surr)	*102*		*71 - 129*	*02/11/26 18:49*	*02/11/26 22:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.0103**		0.00775	0.00775	mg/Kg	☼	02/06/26 13:19	02/10/26 14:32	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 150*	*02/06/26 13:19*	*02/10/26 14:32*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.856	0.0249	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,4,5-Trichlorophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,4,6-Trichlorophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,4-Dichlorophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,4-Dimethylphenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,4-Dinitrophenol	ND		2.57	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,4-Dinitrotoluene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2,6-Dinitrotoluene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2-Chloronaphthalene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2-Chlorophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2-Methylnaphthalene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2-Methylphenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10
Date Collected: 02/03/26 00:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
2-Nitrophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
3 & 4 Methylphenol	ND		1.71	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
3,3'-Dichlorobenzidine	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
3-Nitroaniline	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4,6-Dinitro-2-methylphenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4-Bromophenyl phenyl ether	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4-Chloro-3-methylphenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4-Chloroaniline	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4-Chlorophenyl phenyl ether	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4-Nitroaniline	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
4-Nitrophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Acenaphthene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Acenaphthylene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Acetophenone	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Anthracene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Atrazine	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Benzaldehyde	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Benzo[a]anthracene	**0.188**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Benzo[a]pyrene	**0.233**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Benzo[b]fluoranthene	**0.335**	**J**	0.856	0.00363	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Benzo[g,h,i]perylene	**0.184**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Benzo[k]fluoranthene	**0.116**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
bis (2-chloroisopropyl) ether	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Bis(2-chloroethoxy)methane	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Bis(2-chloroethyl)ether	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Bis(2-ethylhexyl) phthalate	ND		0.856	0.260	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Butyl benzyl phthalate	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Caprolactam	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Carbazole	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Chrysene	**0.223**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Dibenz(a,h)anthracene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Dibenzofuran	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Diethyl phthalate	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Dimethyl phthalate	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Di-n-butyl phthalate	ND		2.57	0.779	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Di-n-octyl phthalate	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Fluoranthene	**0.453**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Fluorene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Hexachlorobenzene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Hexachlorobutadiene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Hexachlorocyclopentadiene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Hexachloroethane	ND	*+	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Indeno[1,2,3-cd]pyrene	**0.182**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Isophorone	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Naphthalene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Nitrobenzene	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
N-Nitrosodi-n-propylamine	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
N-Nitrosodiphenylamine	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10

Date Collected: 02/03/26 00:00
Matrix: Solid

Date Received: 02/03/26 16:40
Percent Solids: 75.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Phenanthrene	**0.206**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Phenol	ND		0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2
Pyrene	**0.370**	**J**	0.856	0.0856	mg/Kg	☼	02/06/26 13:22	02/11/26 04:40	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:40*	*2*
2-Fluorobiphenyl (Surr)	*114*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:40*	*2*
2-Fluorophenol (Surr)	*108*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:40*	*2*
Nitrobenzene-d5 (Surr)	*111*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:40*	*2*
Phenol-d5 (Surr)	*114*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:40*	*2*
Terphenyl-d14 (Surr)	*115*		*40 - 140*	*02/06/26 13:22*	*02/11/26 04:40*	*2*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.76**	**J**	3.27	0.948	mg/Kg	☼		02/11/26 00:29	1
Sulfate	**32.2**		13.1	12.8	mg/Kg	☼		02/11/26 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.895	0.205	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Arsenic	**0.707**		0.537	0.0479	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Barium	**18.4**		2.24	0.0127	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Beryllium	**0.115**	**J**	0.448	0.0314	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Cadmium	ND		0.448	0.0146	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Chromium	**8.28**		0.895	0.184	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Cobalt	**6.58**		0.672	0.0253	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Copper	**11.5**	**B**	0.448	0.0466	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Lead	**28.3**		0.448	0.0528	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Manganese	**110**		0.895	0.0551	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Nickel	**24.1**	**B**	0.895	0.0234	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Selenium	**0.363**	**J**	2.24	0.159	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Silver	**0.0138**	**J**	0.224	0.00260	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Thallium	ND		0.627	0.0377	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Vanadium	**16.3**	**B**	0.895	0.112	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5
Zinc	**52.2**		2.24	1.86	mg/Kg	☼	02/09/26 12:45	02/10/26 20:52	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.123	0.0180	mg/Kg	☼	02/11/26 08:30	02/12/26 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.32	0.132	mg/Kg	☼	02/09/26 10:03	02/11/26 00:19	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.17**	**J**	1.31	0.418	mg/Kg	☼		02/12/26 13:25	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41545-11
Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/13/26 13:32	1
Benzene	ND		1.00	0.200	ug/L			02/13/26 13:32	1
Bromobenzene	ND		1.00	0.222	ug/L			02/13/26 13:32	1
Bromoform	ND		1.00	0.458	ug/L			02/13/26 13:32	1
Bromomethane	ND		1.00	0.470	ug/L			02/13/26 13:32	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/13/26 13:32	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/13/26 13:32	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/13/26 13:32	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/13/26 13:32	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/13/26 13:32	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/13/26 13:32	1
Chloroethane	ND		1.00	0.374	ug/L			02/13/26 13:32	1
Chloroform	ND		1.00	0.216	ug/L			02/13/26 13:32	1
Chloromethane	ND		1.00	0.371	ug/L			02/13/26 13:32	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/13/26 13:32	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/13/26 13:32	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/13/26 13:32	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/13/26 13:32	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/13/26 13:32	1
Dibromomethane	ND		1.00	0.318	ug/L			02/13/26 13:32	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/13/26 13:32	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/13/26 13:32	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/13/26 13:32	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/13/26 13:32	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/13/26 13:32	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/13/26 13:32	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/13/26 13:32	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/13/26 13:32	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/13/26 13:32	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/13/26 13:32	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/13/26 13:32	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/13/26 13:32	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/13/26 13:32	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/13/26 13:32	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/13/26 13:32	1
Hexane	ND		10.0	3.63	ug/L			02/13/26 13:32	1
2-Hexanone	ND		10.0	3.47	ug/L			02/13/26 13:32	1
Iodomethane	ND		2.00	0.403	ug/L			02/13/26 13:32	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/13/26 13:32	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/13/26 13:32	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/13/26 13:32	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/13/26 13:32	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/13/26 13:32	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/13/26 13:32	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/13/26 13:32	1
Naphthalene	ND		2.00	1.56	ug/L			02/13/26 13:32	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/13/26 13:32	1
n-Heptane	ND		10.0	3.05	ug/L			02/13/26 13:32	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/13/26 13:32	1

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41545-11
Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/13/26 13:32	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/13/26 13:32	1
Styrene	ND		1.00	0.194	ug/L			02/13/26 13:32	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/13/26 13:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/13/26 13:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/13/26 13:32	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/13/26 13:32	1
Toluene	ND		1.00	0.197	ug/L			02/13/26 13:32	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/13/26 13:32	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/13/26 13:32	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/13/26 13:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/13/26 13:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/13/26 13:32	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/13/26 13:32	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/13/26 13:32	1
Trichloroethene	ND		1.00	0.211	ug/L			02/13/26 13:32	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/13/26 13:32	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/13/26 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/13/26 13:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/13/26 13:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/13/26 13:32	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/13/26 13:32	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/13/26 13:32	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/13/26 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/13/26 13:32*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*02/13/26 13:32*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/13/26 13:32*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41545-1
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)
752-41545-1	823-SED-1	96	103	100
752-41545-2	823-SED-2	91	103	101
752-41545-3	823-SED-3	95	103	103
752-41545-4	823-SED-4	90	110	102
752-41545-5	823-SED-5	97	106	102
752-41545-6	823-SED-6	96	111	103
752-41545-7	823-SED-7	93	111	103
752-41545-8	823-SED-8	93	103	101
752-41545-9	823-SED-9	91	111	102
752-41545-10	823-SED-Dup	94	107	102
LCS 705-113447/1001	Lab Control Sample	103	96	104
LCS 705-113447/1003	Lab Control Sample	98	94	103
LCSD 705-113447/2	Lab Control Sample Dup	101	94	102
LCSD 705-113447/4	Lab Control Sample Dup	97	97	104
MB 705-113447/6	Method Blank	97	96	101

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)
752-41545-11	Trip Blank	91	106	98
LCS 705-114032/1002	Lab Control Sample	104	98	99
MB 705-114032/7	Method Blank	94	109	101

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)
752-41545-1	823-SED-1	90	93	108	116	105	110
752-41545-2	823-SED-2	98	103	112	124	109	124
752-41545-2 MS	823-SED-2	98	98	110	123	112	112
752-41545-2 MSD	823-SED-2	98	95	96	112	97	112
752-41545-3	823-SED-3	65	93	95	113	101	110
752-41545-4	823-SED-4	45	88	88	92	91	88
752-41545-5	823-SED-5	79	106	100	105	100	103
752-41545-6	823-SED-6	92	108	106	108	101	106
752-41545-7	823-SED-7	84	109	100	107	102	105

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41545-1
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)		
752-41545-8	823-SED-8	66	115	105	110	89	112		
752-41545-9	823-SED-9	69	111	103	110	85	110		
752-41545-10	823-SED-Dup	85	114	108	111	114	115		
LCS 400-738616/2-A	Lab Control Sample	103	95	106	118	111	112		
MB 400-738616/1-A	Method Blank	93	101	116	126	116	122		

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: 752-41545-1
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)						
752-41545-1	823-SED-1	41						
752-41545-1 MS	823-SED-1	41						
752-41545-1 MSD	823-SED-1	41						
752-41545-2	823-SED-2	40						
752-41545-3	823-SED-3	41						
752-41545-4	823-SED-4	46						
752-41545-5	823-SED-5	41						
752-41545-6	823-SED-6	41						
752-41545-7	823-SED-7	41						
752-41545-8	823-SED-8	39						
752-41545-9	823-SED-9	42						
752-41545-10	823-SED-Dup	40						
LCS 400-738611/2-A	Lab Control Sample	51						
MB 400-738611/1-A	Method Blank	54						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-113447/6
Matrix: Solid
Analysis Batch: 113447

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.100	0.0221	mg/Kg			02/11/26 14:54	1
Benzene	ND		0.00500	0.000756	mg/Kg			02/11/26 14:54	1
Bromobenzene	ND		0.00500	0.000943	mg/Kg			02/11/26 14:54	1
Bromoform	ND		0.00500	0.00212	mg/Kg			02/11/26 14:54	1
Bromomethane	ND		0.00500	0.00197	mg/Kg			02/11/26 14:54	1
2-Butanone (MEK)	ND		0.0500	0.00556	mg/Kg			02/11/26 14:54	1
Carbon disulfide	ND		0.0100	0.00256	mg/Kg			02/11/26 14:54	1
Carbon tetrachloride	ND		0.00500	0.000947	mg/Kg			02/11/26 14:54	1
Chlorobenzene	ND		0.00500	0.000839	mg/Kg			02/11/26 14:54	1
Chlorobromomethane	ND		0.00500	0.00120	mg/Kg			02/11/26 14:54	1
Chlorodibromomethane	ND		0.00500	0.000795	mg/Kg			02/11/26 14:54	1
Chloroethane	ND		0.0100	0.00189	mg/Kg			02/11/26 14:54	1
Chloroform	ND		0.00500	0.000969	mg/Kg			02/11/26 14:54	1
Chloromethane	ND		0.0100	0.00148	mg/Kg			02/11/26 14:54	1
2-Chlorotoluene	ND		0.00500	0.00108	mg/Kg			02/11/26 14:54	1
4-Chlorotoluene	ND		0.00500	0.00109	mg/Kg			02/11/26 14:54	1
cis-1,2-Dichloroethene	ND		0.00500	0.00120	mg/Kg			02/11/26 14:54	1
cis-1,3-Dichloropropene	ND		0.00500	0.00117	mg/Kg			02/11/26 14:54	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00206	mg/Kg			02/11/26 14:54	1
Dibromomethane	ND		0.00500	0.00101	mg/Kg			02/11/26 14:54	1
1,2-Dichlorobenzene	ND		0.00500	0.00108	mg/Kg			02/11/26 14:54	1
1,3-Dichlorobenzene	ND		0.00500	0.000796	mg/Kg			02/11/26 14:54	1
1,4-Dichlorobenzene	ND		0.00500	0.00116	mg/Kg			02/11/26 14:54	1
Dichlorobromomethane	ND		0.00500	0.000938	mg/Kg			02/11/26 14:54	1
1,1-Dichloroethane	ND		0.00500	0.000905	mg/Kg			02/11/26 14:54	1
1,2-Dichloroethane	ND		0.00500	0.00121	mg/Kg			02/11/26 14:54	1
1,1-Dichloroethene	ND		0.00500	0.00119	mg/Kg			02/11/26 14:54	1
1,2-Dichloropropane	ND		0.00500	0.000685	mg/Kg			02/11/26 14:54	1
1,3-Dichloropropane	ND		0.00500	0.00115	mg/Kg			02/11/26 14:54	1
2,2-Dichloropropane	ND		0.00500	0.00116	mg/Kg			02/11/26 14:54	1
1,1-Dichloropropene	ND		0.00500	0.00102	mg/Kg			02/11/26 14:54	1
Ethyl acetate	ND		0.0500	0.0500	mg/Kg			02/11/26 14:54	1
Ethylbenzene	ND		0.00500	0.00107	mg/Kg			02/11/26 14:54	1
Ethylene Dibromide	ND		0.00500	0.000873	mg/Kg			02/11/26 14:54	1
Hexachlorobutadiene	ND		0.00500	0.00160	mg/Kg			02/11/26 14:54	1
Hexane	ND		0.0100	0.0100	mg/Kg			02/11/26 14:54	1
2-Hexanone	ND		0.0100	0.00737	mg/Kg			02/11/26 14:54	1
Iodomethane	ND		0.0100	0.00191	mg/Kg			02/11/26 14:54	1
Isopropylbenzene	ND		0.00500	0.00147	mg/Kg			02/11/26 14:54	1
Isopropyl ether	ND		0.0100	0.0100	mg/Kg			02/11/26 14:54	1
4-Isopropyltoluene	ND		0.00500	0.00340	mg/Kg			02/11/26 14:54	1
Methylene Chloride	ND		0.0200	0.00562	mg/Kg			02/11/26 14:54	1
4-Methyl-2-pentanone (MIBK)	ND		0.0100	0.00326	mg/Kg			02/11/26 14:54	1
Methyl tert-butyl ether	ND		0.00500	0.00175	mg/Kg			02/11/26 14:54	1
m-Xylene & p-Xylene	ND		0.0100	0.00217	mg/Kg			02/11/26 14:54	1
Naphthalene	ND		0.00500	0.00385	mg/Kg			02/11/26 14:54	1
n-Butylbenzene	ND		0.00500	0.00176	mg/Kg			02/11/26 14:54	1
n-Heptane	ND		0.0100	0.0100	mg/Kg			02/11/26 14:54	1

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

Lab Sample ID: MB 705-113447/6
Matrix: Solid
Analysis Batch: 113447

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		0.00500	0.00104	mg/Kg			02/11/26 14:54	1
o-Xylene	ND		0.00500	0.00132	mg/Kg			02/11/26 14:54	1
sec-Butylbenzene	ND		0.00500	0.00114	mg/Kg			02/11/26 14:54	1
Styrene	ND		0.00500	0.00254	mg/Kg			02/11/26 14:54	1
tert-Butylbenzene	ND		0.00500	0.00119	mg/Kg			02/11/26 14:54	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.000989	mg/Kg			02/11/26 14:54	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00130	mg/Kg			02/11/26 14:54	1
Tetrachloroethene	ND		0.00500	0.000814	mg/Kg			02/11/26 14:54	1
Toluene	ND		0.00500	0.000982	mg/Kg			02/11/26 14:54	1
trans-1,4-Dichloro-2-butene	ND		0.0100	0.00504	mg/Kg			02/11/26 14:54	1
trans-1,2-Dichloroethene	ND		0.00500	0.00121	mg/Kg			02/11/26 14:54	1
trans-1,3-Dichloropropene	ND		0.00500	0.00103	mg/Kg			02/11/26 14:54	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00261	mg/Kg			02/11/26 14:54	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg			02/11/26 14:54	1
1,1,1-Trichloroethane	ND		0.00500	0.00144	mg/Kg			02/11/26 14:54	1
1,1,2-Trichloroethane	ND		0.00500	0.000900	mg/Kg			02/11/26 14:54	1
Trichloroethene	ND		0.00500	0.000694	mg/Kg			02/11/26 14:54	1
Trichlorofluoromethane	ND		0.00500	0.00189	mg/Kg			02/11/26 14:54	1
1,2,3-Trichloropropane	ND		0.00500	0.00134	mg/Kg			02/11/26 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0100	0.000993	mg/Kg			02/11/26 14:54	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00117	mg/Kg			02/11/26 14:54	1
1,3,5-Trimethylbenzene	ND		0.00500	0.00124	mg/Kg			02/11/26 14:54	1
Vinyl acetate	ND		0.0100	0.00332	mg/Kg			02/11/26 14:54	1
Vinyl chloride	ND		0.0100	0.00165	mg/Kg			02/11/26 14:54	1
Xylenes, Total	ND		0.00500	0.00132	mg/Kg			02/11/26 14:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 127*		*02/11/26 14:54*	*1*
Dibromofluoromethane	*96*		*80 - 119*		*02/11/26 14:54*	*1*
Toluene-d8 (Surr)	*101*		*71 - 129*		*02/11/26 14:54*	*1*

Lab Sample ID: LCS 705-113447/1001
Matrix: Solid
Analysis Batch: 113447

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	0.08121	J	mg/Kg		81	70 - 131
Benzene	0.0500	0.05306		mg/Kg		106	79 - 120
Bromobenzene	0.0500	0.04118		mg/Kg		82	75 - 118
Bromoform	0.0500	0.04504		mg/Kg		90	71 - 136
Bromomethane	0.0500	0.04338		mg/Kg		87	62 - 134
2-Butanone (MEK)	0.100	0.09347		mg/Kg		93	73 - 134
Carbon disulfide	0.0500	0.04998		mg/Kg		100	80 - 127
Carbon tetrachloride	0.0500	0.05086		mg/Kg		102	72 - 132
Chlorobenzene	0.0500	0.04767		mg/Kg		95	80 - 120
Chlorobromomethane	0.0500	0.04695		mg/Kg		94	79 - 122
Chlorodibromomethane	0.0500	0.04722		mg/Kg		94	81 - 123
Chloroethane	0.0500	0.04856		mg/Kg		97	66 - 130

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

Lab Sample ID: LCS 705-113447/1001
Matrix: Solid
Analysis Batch: 113447

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	0.0500	0.04563		mg/Kg		91	74 - 120
Chloromethane	0.0500	0.04581		mg/Kg		92	64 - 131
2-Chlorotoluene	0.0500	0.04193		mg/Kg		84	74 - 122
4-Chlorotoluene	0.0500	0.04310		mg/Kg		86	75 - 121
cis-1,2-Dichloroethene	0.0500	0.04585		mg/Kg		92	78 - 122
cis-1,3-Dichloropropene	0.0500	0.05059		mg/Kg		101	75 - 134
1,2-Dibromo-3-Chloropropane	0.0500	0.03940		mg/Kg		79	68 - 125
Dibromomethane	0.0500	0.05023		mg/Kg		100	82 - 119
1,2-Dichlorobenzene	0.0500	0.04394		mg/Kg		88	80 - 120
1,3-Dichlorobenzene	0.0500	0.04403		mg/Kg		88	78 - 120
1,4-Dichlorobenzene	0.0500	0.04379		mg/Kg		88	79 - 120
Dichlorobromomethane	0.0500	0.05069		mg/Kg		101	80 - 122
1,1-Dichloroethane	0.0500	0.04704		mg/Kg		94	72 - 123
1,2-Dichloroethane	0.0500	0.04954		mg/Kg		99	73 - 123
1,1-Dichloroethene	0.0500	0.04701		mg/Kg		94	74 - 126
1,2-Dichloropropane	0.0500	0.05046		mg/Kg		101	78 - 122
1,3-Dichloropropane	0.0500	0.04549		mg/Kg		91	82 - 120
2,2-Dichloropropane	0.0500	0.04586		mg/Kg		92	70 - 132
1,1-Dichloropropene	0.0500	0.05092		mg/Kg		102	74 - 126
Ethylbenzene	0.0500	0.04913		mg/Kg		98	80 - 121
Ethylene Dibromide	0.0500	0.04574		mg/Kg		91	82 - 118
Hexachlorobutadiene	0.0500	0.04196		mg/Kg		84	81 - 123
Hexane	0.0500	0.04833		mg/Kg		97	25 - 150
2-Hexanone	0.100	0.09897		mg/Kg		99	81 - 132
Iodomethane	0.0500	0.05285		mg/Kg		106	50 - 150
Isopropylbenzene	0.0500	0.04308		mg/Kg		86	72 - 129
4-Isopropyltoluene	0.0500	0.04476		mg/Kg		90	73 - 131
Methylene Chloride	0.0500	0.04547		mg/Kg		91	72 - 122
4-Methyl-2-pentanone (MIBK)	0.100	0.1046		mg/Kg		105	81 - 135
Methyl tert-butyl ether	0.0500	0.04556		mg/Kg		91	80 - 122
m-Xylene & p-Xylene	0.0500	0.04638		mg/Kg		93	79 - 123
Naphthalene	0.0500	0.04082		mg/Kg		82	66 - 128
n-Butylbenzene	0.0500	0.04671		mg/Kg		93	73 - 132
n-Heptane	0.0500	0.04772		mg/Kg		95	25 - 150
N-Propylbenzene	0.0500	0.04344		mg/Kg		87	74 - 127
o-Xylene	0.0500	0.04903		mg/Kg		98	78 - 122
sec-Butylbenzene	0.0500	0.04408		mg/Kg		88	72 - 131
Styrene	0.0500	0.04909		mg/Kg		98	79 - 128
tert-Butylbenzene	0.0500	0.04316		mg/Kg		86	73 - 128
1,1,1,2-Tetrachloroethane	0.0500	0.04746		mg/Kg		95	78 - 124
1,1,2,2-Tetrachloroethane	0.0500	0.03911		mg/Kg		78	73 - 121
Tetrachloroethene	0.0500	0.04880		mg/Kg		98	74 - 121
Toluene	0.0500	0.05007		mg/Kg		100	77 - 123
trans-1,4-Dichloro-2-butene	0.0500	0.04201		mg/Kg		84	50 - 150
trans-1,2-Dichloroethene	0.0500	0.05155		mg/Kg		103	76 - 124
trans-1,3-Dichloropropene	0.0500	0.05142		mg/Kg		103	70 - 131
1,2,3-Trichlorobenzene	0.0500	0.04335		mg/Kg		87	70 - 128
1,2,4-Trichlorobenzene	0.0500	0.04371		mg/Kg		87	69 - 130
1,1,1-Trichloroethane	0.0500	0.04568		mg/Kg		91	73 - 126

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

Lab Sample ID: LCS 705-113447/1001
Matrix: Solid
Analysis Batch: 113447

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	0.0500	0.05096		mg/Kg		102	77 - 124
Trichloroethene	0.0500	0.05169		mg/Kg		103	79 - 121
Trichlorofluoromethane	0.0500	0.04622		mg/Kg		92	77 - 128
1,2,3-Trichloropropane	0.0500	0.03981		mg/Kg		80	68 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04801		mg/Kg		96	80 - 121
1,2,4-Trimethylbenzene	0.0500	0.04356		mg/Kg		87	75 - 125
1,3,5-Trimethylbenzene	0.0500	0.04322		mg/Kg		86	74 - 128
Vinyl acetate	0.100	0.08917		mg/Kg		89	50 - 150
Vinyl chloride	0.0500	0.04962		mg/Kg		99	68 - 130
Xylenes, Total	0.100	0.09541		mg/Kg		95	79 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 127*
Dibromofluoromethane	*96*		*80 - 119*
Toluene-d8 (Surr)	*104*		*71 - 129*

Lab Sample ID: LCS 705-113447/1003
Matrix: Solid
Analysis Batch: 113447

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	0.08553		mg/Kg		86	25 - 150
Isopropyl ether	0.0500	0.05018		mg/Kg		100	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 127*
Dibromofluoromethane	*94*		*80 - 119*
Toluene-d8 (Surr)	*103*		*71 - 129*

Lab Sample ID: LCSD 705-113447/2
Matrix: Solid
Analysis Batch: 113447

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	0.09492	J	mg/Kg		95	70 - 131	16	50
Benzene	0.0500	0.05643		mg/Kg		113	79 - 120	6	30
Bromobenzene	0.0500	0.04604		mg/Kg		92	75 - 118	11	20
Bromoform	0.0500	0.04916		mg/Kg		98	71 - 136	9	20
Bromomethane	0.0500	0.04761		mg/Kg		95	62 - 134	9	90
2-Butanone (MEK)	0.100	0.1039		mg/Kg		104	73 - 134	11	50
Carbon disulfide	0.0500	0.05550		mg/Kg		111	80 - 127	10	50
Carbon tetrachloride	0.0500	0.05434		mg/Kg		109	72 - 132	7	20
Chlorobenzene	0.0500	0.05233		mg/Kg		105	80 - 120	9	30
Chlorobromomethane	0.0500	0.04986		mg/Kg		100	79 - 122	6	20
Chlorodibromomethane	0.0500	0.05062		mg/Kg		101	81 - 123	7	20
Chloroethane	0.0500	0.05193		mg/Kg		104	66 - 130	7	57
Chloroform	0.0500	0.05037		mg/Kg		101	74 - 120	10	20

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

Lab Sample ID: LCSD 705-113447/2
Matrix: Solid
Analysis Batch: 113447

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
Chloromethane	0.0500	0.05042		mg/Kg		101	64 - 131	10	99
2-Chlorotoluene	0.0500	0.04656		mg/Kg		93	74 - 122	10	20
4-Chlorotoluene	0.0500	0.04773		mg/Kg		95	75 - 121	10	20
cis-1,2-Dichloroethene	0.0500	0.05119		mg/Kg		102	78 - 122	11	20
cis-1,3-Dichloropropene	0.0500	0.05444		mg/Kg		109	75 - 134	7	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04346		mg/Kg		87	68 - 125	10	20
Dibromomethane	0.0500	0.05290		mg/Kg		106	82 - 119	5	20
1,2-Dichlorobenzene	0.0500	0.04804		mg/Kg		96	80 - 120	9	20
1,3-Dichlorobenzene	0.0500	0.05023		mg/Kg		100	78 - 120	13	20
1,4-Dichlorobenzene	0.0500	0.04791		mg/Kg		96	79 - 120	9	20
Dichlorobromomethane	0.0500	0.05519		mg/Kg		110	80 - 122	9	20
1,1-Dichloroethane	0.0500	0.05180		mg/Kg		104	72 - 123	10	20
1,2-Dichloroethane	0.0500	0.05338		mg/Kg		107	73 - 123	7	20
1,1-Dichloroethene	0.0500	0.05251		mg/Kg		105	74 - 126	11	30
1,2-Dichloropropane	0.0500	0.05457		mg/Kg		109	78 - 122	8	20
1,3-Dichloropropane	0.0500	0.04966		mg/Kg		99	82 - 120	9	20
2,2-Dichloropropane	0.0500	0.05140		mg/Kg		103	70 - 132	11	20
1,1-Dichloropropene	0.0500	0.05516		mg/Kg		110	74 - 126	8	20
Ethylbenzene	0.0500	0.05329		mg/Kg		107	80 - 121	8	30
Ethylene Dibromide	0.0500	0.04976		mg/Kg		100	82 - 118	8	20
Hexachlorobutadiene	0.0500	0.04552		mg/Kg		91	81 - 123	8	20
Hexane	0.0500	0.05443		mg/Kg		109	25 - 150	12	50
2-Hexanone	0.100	0.1073		mg/Kg		107	81 - 132	8	50
Iodomethane	0.0500	0.06019		mg/Kg		120	50 - 150	13	50
Isopropylbenzene	0.0500	0.04775		mg/Kg		95	72 - 129	10	20
4-Isopropyltoluene	0.0500	0.04991		mg/Kg		100	73 - 131	11	20
Methylene Chloride	0.0500	0.05088		mg/Kg		102	72 - 122	11	20
4-Methyl-2-pentanone (MIBK)	0.100	0.1105		mg/Kg		111	81 - 135	6	50
Methyl tert-butyl ether	0.0500	0.04937		mg/Kg		99	80 - 122	8	20
m-Xylene & p-Xylene	0.0500	0.05108		mg/Kg		102	79 - 123	10	30
Naphthalene	0.0500	0.04666		mg/Kg		93	66 - 128	13	30
n-Butylbenzene	0.0500	0.05154		mg/Kg		103	73 - 132	10	20
n-Heptane	0.0500	0.05361		mg/Kg		107	25 - 150	12	50
N-Propylbenzene	0.0500	0.04809		mg/Kg		96	74 - 127	10	20
o-Xylene	0.0500	0.05414		mg/Kg		108	78 - 122	10	30
sec-Butylbenzene	0.0500	0.04905		mg/Kg		98	72 - 131	11	20
Styrene	0.0500	0.05379		mg/Kg		108	79 - 128	9	20
tert-Butylbenzene	0.0500	0.04792		mg/Kg		96	73 - 128	10	20
1,1,1,2-Tetrachloroethane	0.0500	0.05109		mg/Kg		102	78 - 124	7	20
1,1,2,2-Tetrachloroethane	0.0500	0.04368		mg/Kg		87	73 - 121	11	20
Tetrachloroethene	0.0500	0.05291		mg/Kg		106	74 - 121	8	20
Toluene	0.0500	0.05409		mg/Kg		108	77 - 123	8	30
trans-1,4-Dichloro-2-butene	0.0500	0.04511		mg/Kg		90	50 - 150	7	50
trans-1,2-Dichloroethene	0.0500	0.05647		mg/Kg		113	76 - 124	9	20
trans-1,3-Dichloropropene	0.0500	0.05514		mg/Kg		110	70 - 131	7	20
1,2,3-Trichlorobenzene	0.0500	0.04771		mg/Kg		95	70 - 128	10	20
1,2,4-Trichlorobenzene	0.0500	0.04883		mg/Kg		98	69 - 130	11	20
1,1,1-Trichloroethane	0.0500	0.05037		mg/Kg		101	73 - 126	10	20
1,1,2-Trichloroethane	0.0500	0.05393		mg/Kg		108	77 - 124	6	20

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

Lab Sample ID: LCSD 705-113447/2
Matrix: Solid
Analysis Batch: 113447

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
Trichloroethene			0.0500	0.05494		mg/Kg		110	79 - 121	6	30
Trichlorofluoromethane			0.0500	0.04928		mg/Kg		99	77 - 128	6	50
1,2,3-Trichloropropane			0.0500	0.04219		mg/Kg		84	68 - 125	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05366		mg/Kg		107	80 - 121	11	50
1,2,4-Trimethylbenzene			0.0500	0.04868		mg/Kg		97	75 - 125	11	20
1,3,5-Trimethylbenzene			0.0500	0.04820		mg/Kg		96	74 - 128	11	20
Vinyl acetate			0.100	0.1011		mg/Kg		101	50 - 150	13	50
Vinyl chloride			0.0500	0.05350		mg/Kg		107	68 - 130	8	20
Xylenes, Total			0.100	0.1052		mg/Kg		105	79 - 122	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 127*
Dibromofluoromethane	*94*		*80 - 119*
Toluene-d8 (Surr)	*102*		*71 - 129*

Lab Sample ID: LCSD 705-113447/4
Matrix: Solid
Analysis Batch: 113447

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	0.09208		mg/Kg		92	25 - 150	7	50
Isopropyl ether			0.0500	0.05209		mg/Kg		104	50 - 150	4	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 127*
Dibromofluoromethane	*97*		*80 - 119*
Toluene-d8 (Surr)	*104*		*71 - 129*

Lab Sample ID: MB 705-114032/7
Matrix: Water
Analysis Batch: 114032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/13/26 12:17	1
Benzene	ND		1.00	0.200	ug/L			02/13/26 12:17	1
Bromobenzene	ND		1.00	0.222	ug/L			02/13/26 12:17	1
Bromoform	ND		1.00	0.458	ug/L			02/13/26 12:17	1
Bromomethane	ND		1.00	0.470	ug/L			02/13/26 12:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/13/26 12:17	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/13/26 12:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/13/26 12:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/13/26 12:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/13/26 12:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/13/26 12:17	1
Chloroethane	ND		1.00	0.374	ug/L			02/13/26 12:17	1
Chloroform	ND		1.00	0.216	ug/L			02/13/26 12:17	1
Chloromethane	ND		1.00	0.371	ug/L			02/13/26 12:17	1

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

Lab Sample ID: MB 705-114032/7
Matrix: Water
Analysis Batch: 114032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/13/26 12:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/13/26 12:17	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/13/26 12:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/13/26 12:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/13/26 12:17	1
Dibromomethane	ND		1.00	0.318	ug/L			02/13/26 12:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/13/26 12:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/13/26 12:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/13/26 12:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/13/26 12:17	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/13/26 12:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/13/26 12:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/13/26 12:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/13/26 12:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/13/26 12:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/13/26 12:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/13/26 12:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/13/26 12:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/13/26 12:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/13/26 12:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/13/26 12:17	1
Hexane	ND		10.0	3.63	ug/L			02/13/26 12:17	1
2-Hexanone	ND		10.0	3.47	ug/L			02/13/26 12:17	1
Iodomethane	ND		2.00	0.403	ug/L			02/13/26 12:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/13/26 12:17	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/13/26 12:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/13/26 12:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/13/26 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/13/26 12:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/13/26 12:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/13/26 12:17	1
Naphthalene	ND		2.00	1.56	ug/L			02/13/26 12:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/13/26 12:17	1
n-Heptane	ND		10.0	3.05	ug/L			02/13/26 12:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/13/26 12:17	1
o-Xylene	ND		1.00	0.270	ug/L			02/13/26 12:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/13/26 12:17	1
Styrene	ND		1.00	0.194	ug/L			02/13/26 12:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/13/26 12:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/13/26 12:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/13/26 12:17	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/13/26 12:17	1
Toluene	ND		1.00	0.197	ug/L			02/13/26 12:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/13/26 12:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/13/26 12:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/13/26 12:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/13/26 12:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/13/26 12:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/13/26 12:17	1

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

Lab Sample ID: MB 705-114032/7
Matrix: Water
Analysis Batch: 114032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/13/26 12:17	1
Trichloroethene	ND		1.00	0.211	ug/L			02/13/26 12:17	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/13/26 12:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/13/26 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/13/26 12:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/13/26 12:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/13/26 12:17	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/13/26 12:17	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/13/26 12:17	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/13/26 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*02/13/26 12:17*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/13/26 12:17*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/13/26 12:17*	*1*

Lab Sample ID: LCS 705-114032/1002
Matrix: Water
Analysis Batch: 114032

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	39.92		ug/L		100	62 - 136
Benzene	20.0	18.96		ug/L		95	76 - 122
Bromobenzene	20.0	18.57		ug/L		93	77 - 125
Bromoform	20.0	19.61		ug/L		98	65 - 129
Bromomethane	20.0	18.50		ug/L		92	60 - 138
2-Butanone (MEK)	40.0	38.53		ug/L		96	74 - 131
Carbon disulfide	20.0	20.01		ug/L		100	71 - 122
Carbon tetrachloride	20.0	19.79		ug/L		99	72 - 131
Chlorobenzene	20.0	19.03		ug/L		95	75 - 121
Chlorobromomethane	20.0	20.11		ug/L		101	77 - 120
Chlorodibromomethane	20.0	18.92		ug/L		95	70 - 131
Chloroethane	20.0	18.19		ug/L		91	55 - 138
Chloroform	20.0	19.37		ug/L		97	73 - 121
Chloromethane	20.0	16.82		ug/L		84	57 - 129
2-Chlorotoluene	20.0	19.11		ug/L		96	75 - 123
4-Chlorotoluene	20.0	19.87		ug/L		99	76 - 124
cis-1,2-Dichloroethene	20.0	17.96		ug/L		90	76 - 121
cis-1,3-Dichloropropene	20.0	18.50		ug/L		92	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	16.75		ug/L		84	64 - 125
Dibromomethane	20.0	17.87		ug/L		89	70 - 130
1,2-Dichlorobenzene	20.0	19.92		ug/L		100	69 - 127
1,3-Dichlorobenzene	20.0	19.36		ug/L		97	68 - 128
1,4-Dichlorobenzene	20.0	19.09		ug/L		95	68 - 126
Dichlorobromomethane	20.0	18.94		ug/L		95	70 - 124
1,1-Dichloroethane	20.0	18.80		ug/L		94	65 - 126
1,2-Dichloroethane	20.0	18.54		ug/L		93	72 - 127
1,1-Dichloroethene	20.0	20.46		ug/L		102	69 - 130

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

Lab Sample ID: LCS 705-114032/1002
Matrix: Water
Analysis Batch: 114032

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	18.80		ug/L		94	71 - 121
1,3-Dichloropropane	20.0	19.92		ug/L		100	76 - 125
2,2-Dichloropropane	20.0	21.27		ug/L		106	71 - 131
1,1-Dichloropropene	20.0	19.25		ug/L		96	74 - 129
Ethylbenzene	20.0	19.52		ug/L		98	75 - 127
Ethylene Dibromide	20.0	19.13		ug/L		96	68 - 133
Hexachlorobutadiene	20.0	19.85		ug/L		99	65 - 137
Hexane	20.0	18.98		ug/L		95	25 - 150
2-Hexanone	40.0	36.92		ug/L		92	70 - 130
Iodomethane	20.0	21.23		ug/L		106	50 - 150
Isopropylbenzene	20.0	18.95		ug/L		95	76 - 125
4-Isopropyltoluene	20.0	20.67		ug/L		103	78 - 126
Methylene Chloride	20.0	18.65		ug/L		93	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	36.24		ug/L		91	76 - 122
Methyl tert-butyl ether	20.0	18.91		ug/L		95	76 - 123
m-Xylene & p-Xylene	20.0	19.94		ug/L		100	76 - 128
Naphthalene	20.0	19.97		ug/L		100	67 - 129
n-Butylbenzene	20.0	19.60		ug/L		98	71 - 131
n-Heptane	20.0	20.44		ug/L		102	25 - 150
N-Propylbenzene	20.0	19.56		ug/L		98	75 - 127
o-Xylene	20.0	19.66		ug/L		98	78 - 124
sec-Butylbenzene	20.0	20.19		ug/L		101	74 - 127
Styrene	20.0	20.44		ug/L		102	71 - 129
tert-Butylbenzene	20.0	19.18		ug/L		96	72 - 127
1,1,1,2-Tetrachloroethane	20.0	18.90		ug/L		95	76 - 130
1,1,2,2-Tetrachloroethane	20.0	17.29		ug/L		86	73 - 127
Tetrachloroethene	20.0	19.86		ug/L		99	74 - 129
Toluene	20.0	19.04		ug/L		95	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.29		ug/L		86	50 - 150
trans-1,2-Dichloroethene	20.0	18.63		ug/L		93	74 - 124
trans-1,3-Dichloropropene	20.0	18.06		ug/L		90	59 - 135
1,2,3-Trichlorobenzene	20.0	19.54		ug/L		98	65 - 130
1,2,4-Trichlorobenzene	20.0	18.17		ug/L		91	65 - 131
1,1,1-Trichloroethane	20.0	19.28		ug/L		96	71 - 124
1,1,2-Trichloroethane	20.0	18.46		ug/L		92	69 - 127
Trichloroethene	20.0	18.60		ug/L		93	72 - 129
Trichlorofluoromethane	20.0	18.99		ug/L		95	63 - 142
1,2,3-Trichloropropane	20.0	18.24		ug/L		91	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.14		ug/L		111	74 - 122
1,2,4-Trimethylbenzene	20.0	20.65		ug/L		103	80 - 123
1,3,5-Trimethylbenzene	20.0	19.64		ug/L		98	79 - 124
Vinyl acetate	40.0	38.43		ug/L		96	50 - 150
Vinyl chloride	20.0	17.15		ug/L		86	65 - 132
Xylenes, Total	40.0	39.60		ug/L		99	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 126*

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

Lab Sample ID: LCS 705-114032/1002
Matrix: Water
Analysis Batch: 114032

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	*98*		*77 - 121*
Toluene-d8 (Surr)	*99*		*79 - 119*

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

Lab Sample ID: MB 400-738616/1-A
Matrix: Solid
Analysis Batch: 738844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.329	0.00956	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,4,5-Trichlorophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,4,6-Trichlorophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,4-Dichlorophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,4-Dimethylphenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,4-Dinitrophenol	ND		0.986	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,4-Dinitrotoluene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2,6-Dinitrotoluene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2-Chloronaphthalene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2-Chlorophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2-Methylnaphthalene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2-Methylphenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2-Nitroaniline	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
2-Nitrophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
3 & 4 Methylphenol	ND		0.657	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
3,3'-Dichlorobenzidine	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
3-Nitroaniline	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4,6-Dinitro-2-methylphenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4-Bromophenyl phenyl ether	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4-Chloro-3-methylphenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4-Chloroaniline	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4-Chlorophenyl phenyl ether	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4-Nitroaniline	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
4-Nitrophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Acenaphthene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Acenaphthylene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Acetophenone	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Anthracene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Atrazine	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Benzaldehyde	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Benzo[a]anthracene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Benzo[a]pyrene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Benzo[b]fluoranthene	ND		0.329	0.00139	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Benzo[g,h,i]perylene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Benzo[k]fluoranthene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
bis (2-chloroisopropyl) ether	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Bis(2-chloroethoxy)methane	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Bis(2-chloroethyl)ether	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Bis(2-ethylhexyl) phthalate	ND		0.329	0.0996	mg/Kg		02/06/26 13:22	02/10/26 17:57	1

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

Lab Sample ID: MB 400-738616/1-A
Matrix: Solid
Analysis Batch: 738844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Caprolactam	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Carbazole	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Chrysene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Dibenz(a,h)anthracene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Dibenzofuran	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Diethyl phthalate	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Dimethyl phthalate	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Di-n-butyl phthalate	ND		0.986	0.299	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Di-n-octyl phthalate	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Fluoranthene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Fluorene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Hexachlorobenzene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Hexachlorobutadiene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Hexachlorocyclopentadiene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Hexachloroethane	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Indeno[1,2,3-cd]pyrene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Isophorone	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Naphthalene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Nitrobenzene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
N-Nitrosodi-n-propylamine	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
N-Nitrosodiphenylamine	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Pentachlorophenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Phenanthrene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Phenol	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1
Pyrene	ND		0.329	0.0329	mg/Kg		02/06/26 13:22	02/10/26 17:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*40 - 140*	*02/06/26 13:22*	*02/10/26 17:57*	*1*
2-Fluorobiphenyl (Surr)	*101*		*40 - 140*	*02/06/26 13:22*	*02/10/26 17:57*	*1*
2-Fluorophenol (Surr)	*116*		*40 - 140*	*02/06/26 13:22*	*02/10/26 17:57*	*1*
Nitrobenzene-d5 (Surr)	*126*		*40 - 140*	*02/06/26 13:22*	*02/10/26 17:57*	*1*
Phenol-d5 (Surr)	*116*		*40 - 140*	*02/06/26 13:22*	*02/10/26 17:57*	*1*
Terphenyl-d14 (Surr)	*122*		*40 - 140*	*02/06/26 13:22*	*02/10/26 17:57*	*1*

Lab Sample ID: LCS 400-738616/2-A
Matrix: Solid
Analysis Batch: 738844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.386		mg/Kg		92	19 - 126
2,4,5-Trichlorophenol	1.50	1.430		mg/Kg		95	10 - 150
2,4,6-Trichlorophenol	1.50	1.527		mg/Kg		102	10 - 150
2,4-Dichlorophenol	1.50	1.493		mg/Kg		100	10 - 150
2,4-Dimethylphenol	1.50	1.364		mg/Kg		91	10 - 141
2,4-Dinitrophenol	3.00	2.872		mg/Kg		96	10 - 150
2,4-Dinitrotoluene	1.50	1.259		mg/Kg		84	31 - 136
2,6-Dinitrotoluene	1.50	1.224		mg/Kg		82	31 - 137

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

Lab Sample ID: LCS 400-738616/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 738844
Prep Batch: 738616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	1.50	1.315		mg/Kg		88	20 - 126
2-Chlorophenol	1.50	1.618		mg/Kg		108	10 - 150
2-Methylnaphthalene	1.50	1.420		mg/Kg		95	20 - 150
2-Methylphenol	1.50	1.814		mg/Kg		121	18 - 126
2-Nitroaniline	1.50	1.241		mg/Kg		83	30 - 150
2-Nitrophenol	1.50	1.269		mg/Kg		85	19 - 150
3 & 4 Methylphenol	1.50	1.769		mg/Kg		118	10 - 150
3,3'-Dichlorobenzidine	3.00	2.220		mg/Kg		74	10 - 124
3-Nitroaniline	1.50	1.178		mg/Kg		79	10 - 148
4,6-Dinitro-2-methylphenol	3.00	3.235		mg/Kg		108	15 - 150
4-Bromophenyl phenyl ether	1.50	1.499		mg/Kg		100	21 - 129
4-Chloro-3-methylphenol	1.50	1.349		mg/Kg		90	16 - 150
4-Chloroaniline	1.50	1.007		mg/Kg		67	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.497		mg/Kg		100	21 - 124
4-Nitroaniline	1.50	1.267		mg/Kg		84	21 - 146
4-Nitrophenol	3.00	2.456		mg/Kg		82	10 - 150
Acenaphthene	1.50	1.464		mg/Kg		98	21 - 150
Acenaphthylene	1.50	1.502		mg/Kg		100	22 - 150
Acetophenone	1.50	1.651		mg/Kg		110	15 - 128
Anthracene	1.50	1.497		mg/Kg		100	28 - 150
Atrazine	1.50	1.327		mg/Kg		88	10 - 150
Benzaldehyde	1.50	1.327		mg/Kg		88	10 - 150
Benzo[a]anthracene	1.50	1.515		mg/Kg		101	32 - 150
Benzo[a]pyrene	1.50	1.621		mg/Kg		108	24 - 150
Benzo[b]fluoranthene	1.50	1.618		mg/Kg		108	17 - 150
Benzo[g,h,i]perylene	1.50	1.638		mg/Kg		109	25 - 150
Benzo[k]fluoranthene	1.50	1.681		mg/Kg		112	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.699		mg/Kg		113	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.438		mg/Kg		96	16 - 132
Bis(2-chloroethyl)ether	1.50	1.672		mg/Kg		111	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.373		mg/Kg		92	12 - 150
Butyl benzyl phthalate	1.50	1.377		mg/Kg		92	24 - 150
Caprolactam	1.50	1.657		mg/Kg		110	10 - 150
Carbazole	1.50	1.566		mg/Kg		104	16 - 150
Chrysene	1.50	1.581		mg/Kg		105	31 - 150
Dibenz(a,h)anthracene	1.50	1.591		mg/Kg		106	26 - 150
Dibenzofuran	1.50	1.424		mg/Kg		95	27 - 123
Diethyl phthalate	1.50	1.276		mg/Kg		85	20 - 150
Dimethyl phthalate	1.50	1.270		mg/Kg		85	21 - 140
Di-n-butyl phthalate	1.50	1.274		mg/Kg		85	10 - 150
Di-n-octyl phthalate	1.50	1.300		mg/Kg		87	23 - 150
Fluoranthene	1.50	1.448		mg/Kg		97	27 - 150
Fluorene	1.50	1.420		mg/Kg		95	21 - 150
Hexachlorobenzene	1.50	1.523		mg/Kg		102	23 - 121
Hexachlorobutadiene	1.50	1.573		mg/Kg		105	15 - 120
Hexachlorocyclopentadiene	1.50	1.330		mg/Kg		89	14 - 132
Hexachloroethane	1.50	1.914	*+	mg/Kg		128	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.500		mg/Kg		100	33 - 150
Isophorone	1.50	1.657		mg/Kg		110	22 - 129

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

Lab Sample ID: LCS 400-738616/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 738844
Prep Batch: 738616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	1.50	1.514		mg/Kg		101	17 - 150
Nitrobenzene	1.50	1.513		mg/Kg		101	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.626		mg/Kg		108	23 - 128
N-Nitrosodiphenylamine	1.49	1.527		mg/Kg		103	21 - 137
Pentachlorophenol	3.00	3.505		mg/Kg		117	10 - 150
Phenanthrene	1.50	1.506		mg/Kg		100	24 - 150
Phenol	1.50	1.632		mg/Kg		109	10 - 150
Pyrene	1.50	1.421		mg/Kg		95	25 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*40 - 140*
2-Fluorobiphenyl (Surr)	*95*		*40 - 140*
2-Fluorophenol (Surr)	*106*		*40 - 140*
Nitrobenzene-d5 (Surr)	*118*		*40 - 140*
Phenol-d5 (Surr)	*111*		*40 - 140*
Terphenyl-d14 (Surr)	*112*		*40 - 140*

Lab Sample ID: 752-41545-2 MS
Client Sample ID: 823-SED-2
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 738844
Prep Batch: 738616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		2.09	2.034		mg/Kg	☼	97	40 - 140
2,4,5-Trichlorophenol	ND		2.09	2.059		mg/Kg	☼	99	40 - 140
2,4,6-Trichlorophenol	ND		2.09	2.187		mg/Kg	☼	105	40 - 140
2,4-Dichlorophenol	ND		2.09	2.079		mg/Kg	☼	100	40 - 140
2,4-Dimethylphenol	ND		2.09	2.037		mg/Kg	☼	98	40 - 140
2,4-Dinitrophenol	ND		4.17	4.886		mg/Kg	☼	117	40 - 140
2,4-Dinitrotoluene	ND		2.09	1.749		mg/Kg	☼	84	40 - 140
2,6-Dinitrotoluene	ND		2.09	1.705		mg/Kg	☼	82	40 - 140
2-Chloronaphthalene	ND		2.09	1.937		mg/Kg	☼	93	40 - 140
2-Chlorophenol	ND		2.09	2.407		mg/Kg	☼	115	40 - 140
2-Methylnaphthalene	ND		2.09	2.102		mg/Kg	☼	101	40 - 140
2-Methylphenol	ND		2.09	2.495		mg/Kg	☼	120	40 - 140
2-Nitroaniline	ND		2.09	1.748		mg/Kg	☼	84	40 - 140
2-Nitrophenol	ND		2.09	1.858		mg/Kg	☼	89	40 - 140
3 & 4 Methylphenol	ND		2.09	2.645		mg/Kg	☼	127	40 - 140
3,3'-Dichlorobenzidine	ND		4.17	3.651		mg/Kg	☼	87	40 - 140
3-Nitroaniline	ND		2.09	1.753		mg/Kg	☼	84	40 - 140
4,6-Dinitro-2-methylphenol	ND		4.17	5.335		mg/Kg	☼	128	40 - 140
4-Bromophenyl phenyl ether	ND		2.09	2.209		mg/Kg	☼	106	40 - 140
4-Chloro-3-methylphenol	ND		2.09	1.977		mg/Kg	☼	95	40 - 140
4-Chloroaniline	ND		2.09	1.695		mg/Kg	☼	81	40 - 140
4-Chlorophenyl phenyl ether	ND		2.09	2.182		mg/Kg	☼	105	40 - 140
4-Nitroaniline	ND		2.09	1.730		mg/Kg	☼	83	40 - 140
4-Nitrophenol	ND		4.17	3.117		mg/Kg	☼	75	40 - 140
Acenaphthene	0.124	J	2.09	2.179		mg/Kg	☼	98	40 - 140
Acenaphthylene	ND		2.09	2.216		mg/Kg	☼	106	40 - 140

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

Lab Sample ID: 752-41545-2 MS
Matrix: Solid
Analysis Batch: 738844

Client Sample ID: 823-SED-2
Prep Type: Total/NA
Prep Batch: 738616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	ND		2.09	2.453		mg/Kg	☼	118	40 - 140
Anthracene	0.249	J	2.09	2.174		mg/Kg	☼	92	40 - 140
Atrazine	ND		2.09	1.702		mg/Kg	☼	82	40 - 140
Benzaldehyde	ND		2.09	1.687		mg/Kg	☼	81	40 - 140
Benzo[a]anthracene	0.998		2.09	2.669		mg/Kg	☼	80	40 - 140
Benzo[a]pyrene	1.01		2.09	2.817		mg/Kg	☼	87	40 - 140
Benzo[b]fluoranthene	1.42		2.09	3.159		mg/Kg	☼	83	40 - 140
Benzo[g,h,i]perylene	0.675	J	2.09	2.784		mg/Kg	☼	101	40 - 140
Benzo[k]fluoranthene	0.544	J	2.09	2.644		mg/Kg	☼	101	40 - 140
bis (2-chloroisopropyl) ether	ND		2.09	2.476		mg/Kg	☼	119	40 - 140
Bis(2-chloroethoxy)methane	ND		2.09	2.081		mg/Kg	☼	100	40 - 140
Bis(2-chloroethyl)ether	ND		2.09	2.500		mg/Kg	☼	120	40 - 140
Bis(2-ethylhexyl) phthalate	ND		2.09	1.977		mg/Kg	☼	95	40 - 140
Butyl benzyl phthalate	ND		2.09	1.957		mg/Kg	☼	94	40 - 140
Caprolactam	ND		2.09	2.017		mg/Kg	☼	97	40 - 140
Carbazole	0.140	J	2.09	2.249		mg/Kg	☼	101	40 - 140
Chrysene	1.04		2.09	2.749		mg/Kg	☼	82	40 - 140
Dibenz(a,h)anthracene	0.174	J	2.09	2.247		mg/Kg	☼	99	40 - 140
Dibenzofuran	ND		2.09	2.105		mg/Kg	☼	101	40 - 140
Diethyl phthalate	ND		2.09	1.845		mg/Kg	☼	88	40 - 140
Dimethyl phthalate	ND		2.09	1.853		mg/Kg	☼	89	40 - 140
Di-n-butyl phthalate	ND		2.09	1.777	J	mg/Kg	☼	85	40 - 140
Di-n-octyl phthalate	ND		2.09	1.860		mg/Kg	☼	89	40 - 140
Fluoranthene	1.88	F1	2.09	2.959		mg/Kg	☼	52	40 - 140
Fluorene	ND		2.09	2.109		mg/Kg	☼	101	40 - 140
Hexachlorobenzene	ND		2.09	2.281		mg/Kg	☼	109	40 - 140
Hexachlorobutadiene	ND		2.09	2.237		mg/Kg	☼	107	40 - 140
Hexachlorocyclopentadiene	ND		2.09	1.612		mg/Kg	☼	77	40 - 140
Hexachloroethane	ND	*+	2.09	2.807		mg/Kg	☼	134	40 - 140
Indeno[1,2,3-cd]pyrene	0.693	J	2.09	2.554		mg/Kg	☼	89	40 - 140
Isophorone	ND		2.09	2.465		mg/Kg	☼	118	40 - 140
Naphthalene	ND		2.09	2.229		mg/Kg	☼	107	40 - 140
Nitrobenzene	ND		2.09	2.269		mg/Kg	☼	109	40 - 140
N-Nitrosodi-n-propylamine	ND		2.09	2.393		mg/Kg	☼	115	40 - 140
N-Nitrosodiphenylamine	ND		2.07	2.183		mg/Kg	☼	105	40 - 140
Pentachlorophenol	ND		4.17	5.162		mg/Kg	☼	124	40 - 140
Phenanthrene	1.05		2.09	2.499		mg/Kg	☼	69	40 - 140
Phenol	ND		2.09	2.266		mg/Kg	☼	109	40 - 140
Pyrene	1.53	F1	2.09	2.788		mg/Kg	☼	60	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*40 - 140*
2-Fluorobiphenyl (Surr)	*98*		*40 - 140*
2-Fluorophenol (Surr)	*110*		*40 - 140*
Nitrobenzene-d5 (Surr)	*123*		*40 - 140*
Phenol-d5 (Surr)	*112*		*40 - 140*
Terphenyl-d14 (Surr)	*112*		*40 - 140*

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

Lab Sample ID: 752-41545-2 MSD
Matrix: Solid
Analysis Batch: 738844

Client Sample ID: 823-SED-2
Prep Type: Total/NA
Prep Batch: 738616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		2.04	1.917		mg/Kg	☼	94	40 - 140	6	50
2,4,5-Trichlorophenol	ND		2.04	1.870		mg/Kg	☼	92	40 - 140	10	50
2,4,6-Trichlorophenol	ND		2.04	2.000		mg/Kg	☼	98	40 - 140	9	50
2,4-Dichlorophenol	ND		2.04	1.911		mg/Kg	☼	94	40 - 140	8	50
2,4-Dimethylphenol	ND		2.04	1.591		mg/Kg	☼	78	40 - 140	25	50
2,4-Dinitrophenol	ND		4.08	4.337		mg/Kg	☼	106	40 - 140	12	50
2,4-Dinitrotoluene	ND		2.04	1.649		mg/Kg	☼	81	40 - 140	6	50
2,6-Dinitrotoluene	ND		2.04	1.627		mg/Kg	☼	80	40 - 140	5	50
2-Chloronaphthalene	ND		2.04	1.833		mg/Kg	☼	90	40 - 140	6	50
2-Chlorophenol	ND		2.04	2.065		mg/Kg	☼	101	40 - 140	15	50
2-Methylnaphthalene	ND		2.04	1.966		mg/Kg	☼	96	40 - 140	7	50
2-Methylphenol	ND		2.04	2.127		mg/Kg	☼	104	40 - 140	16	50
2-Nitroaniline	ND		2.04	1.661		mg/Kg	☼	81	40 - 140	5	50
2-Nitrophenol	ND		2.04	1.739		mg/Kg	☼	85	40 - 140	7	50
3 & 4 Methylphenol	ND		2.04	2.328		mg/Kg	☼	114	40 - 140	13	50
3,3'-Dichlorobenzidine	ND		4.08	3.444		mg/Kg	☼	84	40 - 140	6	50
3-Nitroaniline	ND		2.04	1.592		mg/Kg	☼	78	40 - 140	10	50
4,6-Dinitro-2-methylphenol	ND		4.08	4.933		mg/Kg	☼	121	40 - 140	8	50
4-Bromophenyl phenyl ether	ND		2.04	2.190		mg/Kg	☼	107	40 - 140	1	50
4-Chloro-3-methylphenol	ND		2.04	1.867		mg/Kg	☼	92	40 - 140	6	50
4-Chloroaniline	ND		2.04	1.578		mg/Kg	☼	77	40 - 140	7	50
4-Chlorophenyl phenyl ether	ND		2.04	2.061		mg/Kg	☼	101	40 - 140	6	50
4-Nitroaniline	ND		2.04	1.620		mg/Kg	☼	79	40 - 140	7	50
4-Nitrophenol	ND		4.08	2.833		mg/Kg	☼	69	40 - 140	10	50
Acenaphthene	0.124	J	2.04	2.072		mg/Kg	☼	95	40 - 140	5	50
Acenaphthylene	ND		2.04	2.082		mg/Kg	☼	102	40 - 140	6	50
Acetophenone	ND		2.04	2.153		mg/Kg	☼	106	40 - 140	13	50
Anthracene	0.249	J	2.04	2.119		mg/Kg	☼	92	40 - 140	3	50
Atrazine	ND		2.04	1.690		mg/Kg	☼	83	40 - 140	1	50
Benzaldehyde	ND		2.04	1.385		mg/Kg	☼	68	40 - 140	20	50
Benzo[a]anthracene	0.998		2.04	2.314		mg/Kg	☼	65	40 - 140	14	50
Benzo[a]pyrene	1.01		2.04	2.475		mg/Kg	☼	72	40 - 140	13	50
Benzo[b]fluoranthene	1.42		2.04	2.560		mg/Kg	☼	56	40 - 140	21	50
Benzo[g,h,i]perylene	0.675	J	2.04	2.455		mg/Kg	☼	87	40 - 140	13	50
Benzo[k]fluoranthene	0.544	J	2.04	2.485		mg/Kg	☼	95	40 - 140	6	50
bis (2-chloroisopropyl) ether	ND		2.04	2.206		mg/Kg	☼	108	40 - 140	12	50
Bis(2-chloroethoxy)methane	ND		2.04	1.945		mg/Kg	☼	95	40 - 140	7	50
Bis(2-chloroethyl)ether	ND		2.04	2.209		mg/Kg	☼	108	40 - 140	12	50
Bis(2-ethylhexyl) phthalate	ND		2.04	1.940		mg/Kg	☼	95	40 - 140	2	50
Butyl benzyl phthalate	ND		2.04	1.921		mg/Kg	☼	94	40 - 140	2	50
Caprolactam	ND		2.04	1.884		mg/Kg	☼	92	40 - 140	7	50
Carbazole	0.140	J	2.04	2.139		mg/Kg	☼	98	40 - 140	5	50
Chrysene	1.04		2.04	2.491		mg/Kg	☼	71	40 - 140	10	50
Dibenz(a,h)anthracene	0.174	J	2.04	2.218		mg/Kg	☼	100	40 - 140	1	50
Dibenzofuran	ND		2.04	1.983		mg/Kg	☼	97	40 - 140	6	50
Diethyl phthalate	ND		2.04	1.760		mg/Kg	☼	86	40 - 140	5	50
Dimethyl phthalate	ND		2.04	1.745		mg/Kg	☼	86	40 - 140	6	50
Di-n-butyl phthalate	ND		2.04	1.734	J	mg/Kg	☼	85	40 - 140	2	50

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

Lab Sample ID: 752-41545-2 MSD
Matrix: Solid
Analysis Batch: 738844

Client Sample ID: 823-SED-2
Prep Type: Total/NA
Prep Batch: 738616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate	ND		2.04	1.837		mg/Kg	☼	90	40 - 140	1	50
Fluoranthene	1.88	F1	2.04	2.417	F1	mg/Kg	☼	26	40 - 140	20	50
Fluorene	ND		2.04	1.989		mg/Kg	☼	98	40 - 140	6	50
Hexachlorobenzene	ND		2.04	2.217		mg/Kg	☼	109	40 - 140	3	50
Hexachlorobutadiene	ND		2.04	2.068		mg/Kg	☼	101	40 - 140	8	50
Hexachlorocyclopentadiene	ND		2.04	1.378		mg/Kg	☼	68	40 - 140	16	50
Hexachloroethane	ND	*+	2.04	2.414		mg/Kg	☼	118	40 - 140	15	50
Indeno[1,2,3-cd]pyrene	0.693	J	2.04	2.235		mg/Kg	☼	76	40 - 140	13	50
Isophorone	ND		2.04	2.166		mg/Kg	☼	106	40 - 140	13	50
Naphthalene	ND		2.04	2.106		mg/Kg	☼	103	40 - 140	6	50
Nitrobenzene	ND		2.04	1.987		mg/Kg	☼	97	40 - 140	13	50
N-Nitrosodi-n-propylamine	ND		2.04	2.149		mg/Kg	☼	105	40 - 140	11	50
N-Nitrosodiphenylamine	ND		2.02	2.031		mg/Kg	☼	100	40 - 140	7	50
Pentachlorophenol	ND		4.08	4.515		mg/Kg	☼	111	40 - 140	13	50
Phenanthrene	1.05		2.04	2.240		mg/Kg	☼	58	40 - 140	11	50
Phenol	ND		2.04	1.891		mg/Kg	☼	93	40 - 140	18	50
Pyrene	1.53	F1	2.04	2.311	F1	mg/Kg	☼	38	40 - 140	19	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*40 - 140*
2-Fluorobiphenyl (Surr)	*95*		*40 - 140*
2-Fluorophenol (Surr)	*96*		*40 - 140*
Nitrobenzene-d5 (Surr)	*112*		*40 - 140*
Phenol-d5 (Surr)	*97*		*40 - 140*
Terphenyl-d14 (Surr)	*112*		*40 - 140*

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

Lab Sample ID: MB 400-738611/1-A
Matrix: Solid
Analysis Batch: 738824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		02/06/26 13:19	02/10/26 09:55	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*54*		*10 - 150*	*02/06/26 13:19*	*02/10/26 09:55*	*1*

Lab Sample ID: LCS 400-738611/2-A
Matrix: Solid
Analysis Batch: 738824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738611

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.266	0.2745		mg/Kg		103	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*51*		*10 - 150*

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

Lab Sample ID: 752-41545-1 MS
Matrix: Solid
Analysis Batch: 738824

Client Sample ID: 823-SED-1
Prep Type: Total/NA
Prep Batch: 738611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.0112		0.390	0.4466		mg/Kg	☼	112	50 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*41*		*10 - 150*

Lab Sample ID: 752-41545-1 MSD
Matrix: Solid
Analysis Batch: 738824

Client Sample ID: 823-SED-1
Prep Type: Total/NA
Prep Batch: 738611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.0112		0.393	0.4384		mg/Kg	☼	109	50 - 150	2	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*41*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-113327/1-A
Matrix: Solid
Analysis Batch: 113503

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			02/10/26 20:53	1

Lab Sample ID: LCS 705-113327/2-A
Matrix: Solid
Analysis Batch: 113503

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	50.11		mg/Kg		100	90 - 110

Lab Sample ID: 752-41545-1 MS
Matrix: Solid
Analysis Batch: 113503

Client Sample ID: 823-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND		73.4	77.68		mg/Kg	☼	106	80 - 120

Lab Sample ID: 752-41545-1 MSD
Matrix: Solid
Analysis Batch: 113503

Client Sample ID: 823-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND		73.4	77.65		mg/Kg	☼	106	80 - 120	0	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-113327/1-A
Matrix: Solid
Analysis Batch: 113504

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			02/10/26 20:53	1

Lab Sample ID: LCS 705-113327/2-A
Matrix: Solid
Analysis Batch: 113504

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			250	235.1		mg/Kg		94	90 - 110		

Lab Sample ID: 752-41545-1 MS
Matrix: Solid
Analysis Batch: 113504

Client Sample ID: 823-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	30.6		367	393.8		mg/Kg	☼	99	80 - 120		

Lab Sample ID: 752-41545-1 MSD
Matrix: Solid
Analysis Batch: 113504

Client Sample ID: 823-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	30.6		367	392.6		mg/Kg	☼	99	80 - 120	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-112875/1-A
Matrix: Solid
Analysis Batch: 113482

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112875

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Arsenic	ND		0.600	0.0535	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Barium	ND		2.50	0.0142	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Beryllium	ND		0.500	0.0351	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Cadmium	ND		0.500	0.0163	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Chromium	ND		1.00	0.206	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Cobalt	ND		0.750	0.0283	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Copper	0.08157	J	0.500	0.0520	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Lead	ND		0.500	0.0590	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Manganese	ND		1.00	0.0615	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Nickel	0.03951	J	1.00	0.0262	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Selenium	ND		2.50	0.178	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Silver	ND		0.250	0.00290	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Thallium	ND		0.700	0.0422	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Vanadium	0.2723	J	1.00	0.126	mg/Kg		02/09/26 12:45	02/10/26 19:51	5
Zinc	ND		2.50	2.08	mg/Kg		02/09/26 12:45	02/10/26 19:51	5

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-112875/2-A
Matrix: Solid
Analysis Batch: 113482

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112875

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			10.0	9.024		mg/Kg		90	80 - 120		
Arsenic			10.0	10.33		mg/Kg		103	80 - 120		
Barium			10.0	9.182		mg/Kg		92	80 - 120		
Beryllium			10.0	9.464		mg/Kg		95	80 - 120		
Cadmium			10.0	10.60		mg/Kg		106	80 - 120		
Chromium			10.0	10.98		mg/Kg		110	80 - 120		
Cobalt			10.0	11.16		mg/Kg		112	80 - 120		
Copper			10.0	11.42		mg/Kg		114	80 - 120		
Lead			10.0	10.29		mg/Kg		103	80 - 120		
Manganese			10.0	10.81		mg/Kg		108	80 - 120		
Nickel			10.0	10.53		mg/Kg		105	80 - 120		
Selenium			10.0	10.33		mg/Kg		103	80 - 120		
Silver			1.00	1.110		mg/Kg		111	80 - 120		
Thallium			10.0	9.909		mg/Kg		99	80 - 120		
Vanadium			10.0	10.90		mg/Kg		109	80 - 120		
Zinc			10.0	10.77		mg/Kg		108	80 - 120		

Lab Sample ID: 752-41545-1 MS
Matrix: Solid
Analysis Batch: 113482

Client Sample ID: 823-SED-1
Prep Type: Total/NA
Prep Batch: 112875

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	ND	F1 F2	8.52	5.616	F1	mg/Kg	☼	66	75 - 125		
Arsenic	1.07	F1 F2	8.52	12.68	F1	mg/Kg	☼	136	75 - 125		
Barium	23.0	F1 F2	8.52	51.91	F1	mg/Kg	☼	339	75 - 125		
Beryllium	0.211	J	8.52	7.985		mg/Kg	☼	91	75 - 125		
Cadmium	0.159	J	8.52	8.917		mg/Kg	☼	103	75 - 125		
Chromium	7.25	F1 F2	8.52	23.51	F1	mg/Kg	☼	191	75 - 125		
Cobalt	4.42		8.52	13.76		mg/Kg	☼	110	75 - 125		
Copper	15.0	B F1	8.52	26.31	F1	mg/Kg	☼	133	75 - 125		
Lead	30.0	F1 F2	8.52	56.23	F1	mg/Kg	☼	308	75 - 125		
Manganese	117		8.52	154.8	4	mg/Kg	☼	440	75 - 125		
Nickel	14.5	B	8.52	24.74		mg/Kg	☼	121	75 - 125		
Selenium	0.397	J	8.52	8.601		mg/Kg	☼	96	75 - 125		
Silver	0.0775	J	0.852	1.010		mg/Kg	☼	109	75 - 125		
Thallium	ND		8.52	8.655		mg/Kg	☼	102	75 - 125		
Vanadium	15.4	B F1 F2	8.52	25.77		mg/Kg	☼	122	75 - 125		
Zinc	72.2		8.52	108.5	4	mg/Kg	☼	426	75 - 125		

Lab Sample ID: 752-41545-1 MSD
Matrix: Solid
Analysis Batch: 113482

Client Sample ID: 823-SED-1
Prep Type: Total/NA
Prep Batch: 112875

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1 F2	8.52	4.297	F1 F2	mg/Kg	☼	50	75 - 125	27	20
Arsenic	1.07	F1 F2	8.52	8.720	F2	mg/Kg	☼	90	75 - 125	37	20
Barium	23.0	F1 F2	8.52	39.42	F1 F2	mg/Kg	☼	193	75 - 125	27	20
Beryllium	0.211	J	8.52	7.304		mg/Kg	☼	83	75 - 125	9	20
Cadmium	0.159	J	8.52	8.310		mg/Kg	☼	96	75 - 125	7	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-41545-1 MSD — **Client Sample ID: 823-SED-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113482 — **Prep Batch: 112875**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	7.25	F1 F2	8.52	14.83	F2	mg/Kg	☼	89	75 - 125	45	20
Cobalt	4.42		8.52	12.06		mg/Kg	☼	90	75 - 125	13	20
Copper	15.0	B F1	8.52	23.68		mg/Kg	☼	102	75 - 125	11	20
Lead	30.0	F1 F2	8.52	128.2	F1 F2	mg/Kg	☼	1153	75 - 125	78	20
Manganese	117		8.52	153.5	4	mg/Kg	☼	425	75 - 125	1	20
Nickel	14.5	B	8.52	21.14		mg/Kg	☼	78	75 - 125	16	20
Selenium	0.397	J	8.52	7.811		mg/Kg	☼	87	75 - 125	10	20
Silver	0.0775	J	0.852	0.8802		mg/Kg	☼	94	75 - 125	14	20
Thallium	ND		8.52	7.524		mg/Kg	☼	88	75 - 125	14	20
Vanadium	15.4	B F1 F2	8.52	19.33	F1 F2	mg/Kg	☼	46	75 - 125	29	20
Zinc	72.2		8.52	131.8	4	mg/Kg	☼	700	75 - 125	19	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-113177/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113808 — **Prep Batch: 113177**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		02/11/26 08:30	02/12/26 08:17	1

Lab Sample ID: LCS 705-113177/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113808 — **Prep Batch: 113177**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.4000		mg/Kg		100	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-739071/19 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 739071

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.0500	0.05000		mg/L		100	50 - 150

Lab Sample ID: MRL 400-739209/19 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 739209

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.0500	0.04900	J	mg/L		98	50 - 150

Lab Sample ID: MB 400-738980/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 739071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.996	0.319	mg/Kg			02/11/26 14:42	1

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LCS 400-738980/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.2	61.08		mg/Kg		103	90 - 110

Lab Sample ID: 752-41545-1 MS
Client Sample ID: 823-SED-1
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.78	F1	21.9	21.31	F1	mg/Kg	☼	89	90 - 110

Lab Sample ID: 752-41545-1 MSD
Client Sample ID: 823-SED-1
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	1.78	F1	21.9	19.97	F1	mg/Kg	☼	83	90 - 110	6	11

Lab Sample ID: MB 400-739158/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.996	0.319	mg/Kg			02/12/26 13:07	1

Lab Sample ID: LCS 400-739158/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.9	60.90		mg/Kg		102	90 - 110

Lab Sample ID: 752-41545-7 MS
Client Sample ID: 823-SED-7
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.27	J F1	19.5	24.66	F1	mg/Kg	☼	120	90 - 110

Lab Sample ID: 752-41545-7 MSD
Client Sample ID: 823-SED-7
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 739209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	1.27	J F1	19.9	25.39	F1	mg/Kg	☼	121	90 - 110	3	11

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-738741/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 738935
Prep Batch: 738741

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		02/09/26 10:03	02/10/26 18:26	1

Lab Sample ID: LCS 400-738741/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 738935
Prep Batch: 738741

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			2.00	1.840		mg/Kg		92	85 - 115		

GC/MS VOA

Analysis Batch: 113447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	8260D	113637
752-41545-2	823-SED-2	Total/NA	Solid	8260D	113637
752-41545-3	823-SED-3	Total/NA	Solid	8260D	113637
752-41545-4	823-SED-4	Total/NA	Solid	8260D	113637
752-41545-5	823-SED-5	Total/NA	Solid	8260D	113637
752-41545-6	823-SED-6	Total/NA	Solid	8260D	113637
752-41545-7	823-SED-7	Total/NA	Solid	8260D	113637
752-41545-8	823-SED-8	Total/NA	Solid	8260D	113637
752-41545-9	823-SED-9	Total/NA	Solid	8260D	113637
752-41545-10	823-SED-Dup	Total/NA	Solid	8260D	113637
MB 705-113447/6	Method Blank	Total/NA	Solid	8260D	
LCS 705-113447/1001	Lab Control Sample	Total/NA	Solid	8260D	
LCS 705-113447/1003	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 705-113447/2	Lab Control Sample Dup	Total/NA	Solid	8260D	
LCSD 705-113447/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 113637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	5030B	
752-41545-2	823-SED-2	Total/NA	Solid	5030B	
752-41545-3	823-SED-3	Total/NA	Solid	5030B	
752-41545-4	823-SED-4	Total/NA	Solid	5030B	
752-41545-5	823-SED-5	Total/NA	Solid	5030B	
752-41545-6	823-SED-6	Total/NA	Solid	5030B	
752-41545-7	823-SED-7	Total/NA	Solid	5030B	
752-41545-8	823-SED-8	Total/NA	Solid	5030B	
752-41545-9	823-SED-9	Total/NA	Solid	5030B	
752-41545-10	823-SED-Dup	Total/NA	Solid	5030B	

Analysis Batch: 114032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-11	Trip Blank	Total/NA	Water	8260D	
MB 705-114032/7	Method Blank	Total/NA	Water	8260D	
LCS 705-114032/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 738611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	3546	
752-41545-2	823-SED-2	Total/NA	Solid	3546	
752-41545-3	823-SED-3	Total/NA	Solid	3546	
752-41545-4	823-SED-4	Total/NA	Solid	3546	
752-41545-5	823-SED-5	Total/NA	Solid	3546	
752-41545-6	823-SED-6	Total/NA	Solid	3546	
752-41545-7	823-SED-7	Total/NA	Solid	3546	
752-41545-8	823-SED-8	Total/NA	Solid	3546	
752-41545-9	823-SED-9	Total/NA	Solid	3546	
752-41545-10	823-SED-Dup	Total/NA	Solid	3546	
MB 400-738611/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-738611/2-A	Lab Control Sample	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 738611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1 MS	823-SED-1	Total/NA	Solid	3546	
752-41545-1 MSD	823-SED-1	Total/NA	Solid	3546	

Prep Batch: 738616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	3546	
752-41545-2	823-SED-2	Total/NA	Solid	3546	
752-41545-3	823-SED-3	Total/NA	Solid	3546	
752-41545-4	823-SED-4	Total/NA	Solid	3546	
752-41545-5	823-SED-5	Total/NA	Solid	3546	
752-41545-6	823-SED-6	Total/NA	Solid	3546	
752-41545-7	823-SED-7	Total/NA	Solid	3546	
752-41545-8	823-SED-8	Total/NA	Solid	3546	
752-41545-9	823-SED-9	Total/NA	Solid	3546	
752-41545-10	823-SED-Dup	Total/NA	Solid	3546	
MB 400-738616/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-738616/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-41545-2 MS	823-SED-2	Total/NA	Solid	3546	
752-41545-2 MSD	823-SED-2	Total/NA	Solid	3546	

Analysis Batch: 738824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	8270E SIM ID	738611
752-41545-2	823-SED-2	Total/NA	Solid	8270E SIM ID	738611
752-41545-3	823-SED-3	Total/NA	Solid	8270E SIM ID	738611
752-41545-4	823-SED-4	Total/NA	Solid	8270E SIM ID	738611
752-41545-5	823-SED-5	Total/NA	Solid	8270E SIM ID	738611
752-41545-6	823-SED-6	Total/NA	Solid	8270E SIM ID	738611
752-41545-7	823-SED-7	Total/NA	Solid	8270E SIM ID	738611
752-41545-8	823-SED-8	Total/NA	Solid	8270E SIM ID	738611
752-41545-9	823-SED-9	Total/NA	Solid	8270E SIM ID	738611
752-41545-10	823-SED-Dup	Total/NA	Solid	8270E SIM ID	738611
MB 400-738611/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	738611
LCS 400-738611/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	738611
752-41545-1 MS	823-SED-1	Total/NA	Solid	8270E SIM ID	738611
752-41545-1 MSD	823-SED-1	Total/NA	Solid	8270E SIM ID	738611

Analysis Batch: 738844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	8270E	738616
752-41545-2	823-SED-2	Total/NA	Solid	8270E	738616
752-41545-3	823-SED-3	Total/NA	Solid	8270E	738616
MB 400-738616/1-A	Method Blank	Total/NA	Solid	8270E	738616
LCS 400-738616/2-A	Lab Control Sample	Total/NA	Solid	8270E	738616
752-41545-2 MS	823-SED-2	Total/NA	Solid	8270E	738616
752-41545-2 MSD	823-SED-2	Total/NA	Solid	8270E	738616

Analysis Batch: 738854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-4	823-SED-4	Total/NA	Solid	8270E	738616
752-41545-5	823-SED-5	Total/NA	Solid	8270E	738616

GC/MS Semi VOA (Continued)

Analysis Batch: 738854 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-6	823-SED-6	Total/NA	Solid	8270E	738616
752-41545-7	823-SED-7	Total/NA	Solid	8270E	738616
752-41545-8	823-SED-8	Total/NA	Solid	8270E	738616
752-41545-9	823-SED-9	Total/NA	Solid	8270E	738616
752-41545-10	823-SED-Dup	Total/NA	Solid	8270E	738616

HPLC/IC

Leach Batch: 113327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Soluble	Solid	DI Leach	
752-41545-2	823-SED-2	Soluble	Solid	DI Leach	
752-41545-3	823-SED-3	Soluble	Solid	DI Leach	
752-41545-4	823-SED-4	Soluble	Solid	DI Leach	
752-41545-5	823-SED-5	Soluble	Solid	DI Leach	
752-41545-6	823-SED-6	Soluble	Solid	DI Leach	
752-41545-7	823-SED-7	Soluble	Solid	DI Leach	
752-41545-8	823-SED-8	Soluble	Solid	DI Leach	
752-41545-9	823-SED-9	Soluble	Solid	DI Leach	
752-41545-10	823-SED-Dup	Soluble	Solid	DI Leach	
MB 705-113327/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-113327/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41545-1 MS	823-SED-1	Soluble	Solid	DI Leach	
752-41545-1 MSD	823-SED-1	Soluble	Solid	DI Leach	

Analysis Batch: 113503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Soluble	Solid	9056A	113327
752-41545-2	823-SED-2	Soluble	Solid	9056A	113327
752-41545-3	823-SED-3	Soluble	Solid	9056A	113327
752-41545-4	823-SED-4	Soluble	Solid	9056A	113327
752-41545-5	823-SED-5	Soluble	Solid	9056A	113327
752-41545-6	823-SED-6	Soluble	Solid	9056A	113327
752-41545-7	823-SED-7	Soluble	Solid	9056A	113327
752-41545-8	823-SED-8	Soluble	Solid	9056A	113327
752-41545-9	823-SED-9	Soluble	Solid	9056A	113327
752-41545-10	823-SED-Dup	Soluble	Solid	9056A	113327
MB 705-113327/1-A	Method Blank	Soluble	Solid	9056A	113327
LCS 705-113327/2-A	Lab Control Sample	Soluble	Solid	9056A	113327
752-41545-1 MS	823-SED-1	Soluble	Solid	9056A	113327
752-41545-1 MSD	823-SED-1	Soluble	Solid	9056A	113327

Analysis Batch: 113504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Soluble	Solid	9056A	113327
752-41545-2	823-SED-2	Soluble	Solid	9056A	113327
752-41545-3	823-SED-3	Soluble	Solid	9056A	113327
752-41545-4	823-SED-4	Soluble	Solid	9056A	113327
752-41545-5	823-SED-5	Soluble	Solid	9056A	113327
752-41545-6	823-SED-6	Soluble	Solid	9056A	113327
752-41545-7	823-SED-7	Soluble	Solid	9056A	113327

HPLC/IC (Continued)

Analysis Batch: 113504 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-8	823-SED-8	Soluble	Solid	9056A	113327
752-41545-9	823-SED-9	Soluble	Solid	9056A	113327
752-41545-10	823-SED-Dup	Soluble	Solid	9056A	113327
MB 705-113327/1-A	Method Blank	Soluble	Solid	9056A	113327
LCS 705-113327/2-A	Lab Control Sample	Soluble	Solid	9056A	113327
752-41545-1 MS	823-SED-1	Soluble	Solid	9056A	113327
752-41545-1 MSD	823-SED-1	Soluble	Solid	9056A	113327

Metals

Prep Batch: 112875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	3050B	
752-41545-2	823-SED-2	Total/NA	Solid	3050B	
752-41545-3	823-SED-3	Total/NA	Solid	3050B	
752-41545-4	823-SED-4	Total/NA	Solid	3050B	
752-41545-5	823-SED-5	Total/NA	Solid	3050B	
752-41545-6	823-SED-6	Total/NA	Solid	3050B	
752-41545-7	823-SED-7	Total/NA	Solid	3050B	
752-41545-8	823-SED-8	Total/NA	Solid	3050B	
752-41545-9	823-SED-9	Total/NA	Solid	3050B	
752-41545-10	823-SED-Dup	Total/NA	Solid	3050B	
MB 705-112875/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-112875/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-41545-1 MS	823-SED-1	Total/NA	Solid	3050B	
752-41545-1 MSD	823-SED-1	Total/NA	Solid	3050B	

Prep Batch: 113177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	7471B	
752-41545-2	823-SED-2	Total/NA	Solid	7471B	
752-41545-3	823-SED-3	Total/NA	Solid	7471B	
752-41545-4	823-SED-4	Total/NA	Solid	7471B	
752-41545-5	823-SED-5	Total/NA	Solid	7471B	
752-41545-6	823-SED-6	Total/NA	Solid	7471B	
752-41545-7	823-SED-7	Total/NA	Solid	7471B	
752-41545-8	823-SED-8	Total/NA	Solid	7471B	
752-41545-9	823-SED-9	Total/NA	Solid	7471B	
752-41545-10	823-SED-Dup	Total/NA	Solid	7471B	
MB 705-113177/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-113177/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 113482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	6020B	112875
752-41545-2	823-SED-2	Total/NA	Solid	6020B	112875
752-41545-3	823-SED-3	Total/NA	Solid	6020B	112875
752-41545-4	823-SED-4	Total/NA	Solid	6020B	112875
752-41545-5	823-SED-5	Total/NA	Solid	6020B	112875
752-41545-6	823-SED-6	Total/NA	Solid	6020B	112875
752-41545-7	823-SED-7	Total/NA	Solid	6020B	112875

Metals (Continued)

Analysis Batch: 113482 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-8	823-SED-8	Total/NA	Solid	6020B	112875
752-41545-9	823-SED-9	Total/NA	Solid	6020B	112875
752-41545-10	823-SED-Dup	Total/NA	Solid	6020B	112875
MB 705-112875/1-A	Method Blank	Total/NA	Solid	6020B	112875
LCS 705-112875/2-A	Lab Control Sample	Total/NA	Solid	6020B	112875
752-41545-1 MS	823-SED-1	Total/NA	Solid	6020B	112875
752-41545-1 MSD	823-SED-1	Total/NA	Solid	6020B	112875

Analysis Batch: 113808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	7471B	113177
752-41545-2	823-SED-2	Total/NA	Solid	7471B	113177
752-41545-3	823-SED-3	Total/NA	Solid	7471B	113177
752-41545-4	823-SED-4	Total/NA	Solid	7471B	113177
752-41545-5	823-SED-5	Total/NA	Solid	7471B	113177
752-41545-6	823-SED-6	Total/NA	Solid	7471B	113177
752-41545-7	823-SED-7	Total/NA	Solid	7471B	113177
752-41545-8	823-SED-8	Total/NA	Solid	7471B	113177
752-41545-9	823-SED-9	Total/NA	Solid	7471B	113177
752-41545-10	823-SED-Dup	Total/NA	Solid	7471B	113177
MB 705-113177/1-A	Method Blank	Total/NA	Solid	7471B	113177
LCS 705-113177/2-A	Lab Control Sample	Total/NA	Solid	7471B	113177

General Chemistry

Prep Batch: 738741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	3060A	
752-41545-2	823-SED-2	Total/NA	Solid	3060A	
752-41545-3	823-SED-3	Total/NA	Solid	3060A	
752-41545-4	823-SED-4	Total/NA	Solid	3060A	
752-41545-5	823-SED-5	Total/NA	Solid	3060A	
752-41545-6	823-SED-6	Total/NA	Solid	3060A	
752-41545-7	823-SED-7	Total/NA	Solid	3060A	
752-41545-8	823-SED-8	Total/NA	Solid	3060A	
752-41545-9	823-SED-9	Total/NA	Solid	3060A	
752-41545-10	823-SED-Dup	Total/NA	Solid	3060A	
MB 400-738741/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-738741/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 738782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	Moisture	
752-41545-2	823-SED-2	Total/NA	Solid	Moisture	
752-41545-3	823-SED-3	Total/NA	Solid	Moisture	
752-41545-4	823-SED-4	Total/NA	Solid	Moisture	
752-41545-5	823-SED-5	Total/NA	Solid	Moisture	
752-41545-6	823-SED-6	Total/NA	Solid	Moisture	
752-41545-7	823-SED-7	Total/NA	Solid	Moisture	
752-41545-8	823-SED-8	Total/NA	Solid	Moisture	
752-41545-9	823-SED-9	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 738782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-10	823-SED-Dup	Total/NA	Solid	Moisture	

Analysis Batch: 738935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Total/NA	Solid	7199	738741
752-41545-2	823-SED-2	Total/NA	Solid	7199	738741
752-41545-3	823-SED-3	Total/NA	Solid	7199	738741
752-41545-4	823-SED-4	Total/NA	Solid	7199	738741
752-41545-5	823-SED-5	Total/NA	Solid	7199	738741
752-41545-6	823-SED-6	Total/NA	Solid	7199	738741
752-41545-7	823-SED-7	Total/NA	Solid	7199	738741
752-41545-8	823-SED-8	Total/NA	Solid	7199	738741
752-41545-9	823-SED-9	Total/NA	Solid	7199	738741
752-41545-10	823-SED-Dup	Total/NA	Solid	7199	738741
MB 400-738741/1-A	Method Blank	Total/NA	Solid	7199	738741
LCS 400-738741/2-A	Lab Control Sample	Total/NA	Solid	7199	738741

Leach Batch: 738980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Soluble	Solid	DI Leach	
752-41545-2	823-SED-2	Soluble	Solid	DI Leach	
752-41545-3	823-SED-3	Soluble	Solid	DI Leach	
752-41545-4	823-SED-4	Soluble	Solid	DI Leach	
752-41545-5	823-SED-5	Soluble	Solid	DI Leach	
752-41545-6	823-SED-6	Soluble	Solid	DI Leach	
MB 400-738980/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-738980/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41545-1 MS	823-SED-1	Soluble	Solid	DI Leach	
752-41545-1 MSD	823-SED-1	Soluble	Solid	DI Leach	

Analysis Batch: 739071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-1	823-SED-1	Soluble	Solid	350.1	738980
752-41545-2	823-SED-2	Soluble	Solid	350.1	738980
752-41545-3	823-SED-3	Soluble	Solid	350.1	738980
752-41545-4	823-SED-4	Soluble	Solid	350.1	738980
752-41545-5	823-SED-5	Soluble	Solid	350.1	738980
752-41545-6	823-SED-6	Soluble	Solid	350.1	738980
MB 400-738980/1-A	Method Blank	Soluble	Solid	350.1	738980
LCS 400-738980/2-A	Lab Control Sample	Soluble	Solid	350.1	738980
MRL 400-739071/19	Lab Control Sample	Total/NA	Solid	350.1	
752-41545-1 MS	823-SED-1	Soluble	Solid	350.1	738980
752-41545-1 MSD	823-SED-1	Soluble	Solid	350.1	738980

Leach Batch: 739158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-7	823-SED-7	Soluble	Solid	DI Leach	
752-41545-8	823-SED-8	Soluble	Solid	DI Leach	
752-41545-9	823-SED-9	Soluble	Solid	DI Leach	
752-41545-10	823-SED-Dup	Soluble	Solid	DI Leach	
MB 400-739158/1-A	Method Blank	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Leach Batch: 739158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-739158/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41545-7 MS	823-SED-7	Soluble	Solid	DI Leach	
752-41545-7 MSD	823-SED-7	Soluble	Solid	DI Leach	

Analysis Batch: 739209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41545-7	823-SED-7	Soluble	Solid	350.1	739158
752-41545-8	823-SED-8	Soluble	Solid	350.1	739158
752-41545-9	823-SED-9	Soluble	Solid	350.1	739158
752-41545-10	823-SED-Dup	Soluble	Solid	350.1	739158
MB 400-739158/1-A	Method Blank	Soluble	Solid	350.1	739158
LCS 400-739158/2-A	Lab Control Sample	Soluble	Solid	350.1	739158
MRL 400-739209/19	Lab Control Sample	Total/NA	Solid	350.1	
752-41545-7 MS	823-SED-7	Soluble	Solid	350.1	739158
752-41545-7 MSD	823-SED-7	Soluble	Solid	350.1	739158

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1
Date Collected: 02/03/26 15:45
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-1
Lab Sample ID: 752-41545-1
Date Collected: 02/03/26 15:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 67.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 19:14
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738844	S1B	EET PEN	02/10/26 20:33
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 11:20
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 21:16
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 21:16
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 19:57
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 08:47
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 14:48
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 22:00

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2
Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2
Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 69.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 19:38
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738844	S1B	EET PEN	02/10/26 20:02
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 11:42

Client Sample ID: 823-SED-2
Lab Sample ID: 752-41545-2

Date Collected: 02/03/26 15:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 69.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 22:24
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 22:24
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:09
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 08:57
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 14:59
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 22:13

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3

Date Collected: 02/03/26 14:15
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-3
Lab Sample ID: 752-41545-3

Date Collected: 02/03/26 14:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 20:02
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		1	738844	S1B	EET PEN	02/10/26 21:03
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 12:03
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 22:35
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 22:35
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:12
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:00
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 15:01
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 22:26

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4
Date Collected: 02/03/26 13:45
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-4
Lab Sample ID: 752-41545-4
Date Collected: 02/03/26 13:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 71.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 20:26
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		1	738854	S1B	EET PEN	02/11/26 01:40
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 12:24
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 22:47
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 22:47
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:15
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:03
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 15:04
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 22:38

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5
Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5
Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 20:50
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738854	S1B	EET PEN	02/11/26 02:10
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 12:45

Client Sample ID: 823-SED-5
Lab Sample ID: 752-41545-5

Date Collected: 02/03/26 13:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 22:58
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 22:58
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:18
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:07
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 15:07
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 22:51

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6

Date Collected: 02/03/26 12:15
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-6
Lab Sample ID: 752-41545-6

Date Collected: 02/03/26 12:15
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 21:14
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738854	S1B	EET PEN	02/11/26 02:40
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 13:07
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 23:09
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 23:09
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:40
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:10
Soluble	Leach	DI Leach			738980	CAC	EET PEN	02/11/26 09:49
Soluble	Analysis	350.1		1	739071	CAC	EET PEN	02/11/26 15:09
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 23:29

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7
Date Collected: 02/03/26 11:30
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-7
Lab Sample ID: 752-41545-7
Date Collected: 02/03/26 11:30
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 74.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 21:37
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738854	S1B	EET PEN	02/11/26 03:10
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 13:28
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 23:21
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 23:21
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:43
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:13
Soluble	Leach	DI Leach			739158	CAC	EET PEN	02/12/26 10:59
Soluble	Analysis	350.1		1	739209	CAC	EET PEN	02/12/26 13:12
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 23:42

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8
Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8
Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 22:01
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738854	S1B	EET PEN	02/11/26 03:40
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 13:49

Client Sample ID: 823-SED-8
Lab Sample ID: 752-41545-8

Date Collected: 02/03/26 10:45
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 23:32
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 23:32
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:46
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:16
Soluble	Leach	DI Leach			739158	CAC	EET PEN	02/12/26 10:59
Soluble	Analysis	350.1		1	739209	CAC	EET PEN	02/12/26 13:20
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/10/26 23:54

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9

Date Collected: 02/03/26 10:00
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-9
Lab Sample ID: 752-41545-9

Date Collected: 02/03/26 10:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 22:25
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738854	S1B	EET PEN	02/11/26 04:10
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 14:11
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/10/26 23:44
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/10/26 23:44
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:49
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:20
Soluble	Leach	DI Leach			739158	CAC	EET PEN	02/12/26 10:59
Soluble	Analysis	350.1		1	739209	CAC	EET PEN	02/12/26 13:23
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/11/26 00:07

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10
Date Collected: 02/03/26 00:00
Matrix: Solid
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738782	TMP	EET PEN	02/09/26 13:12

Client Sample ID: 823-SED-Dup
Lab Sample ID: 752-41545-10
Date Collected: 02/03/26 00:00
Matrix: Solid
Date Received: 02/03/26 16:40
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030B			113637	RC	EET ATL	02/11/26 18:49
Total/NA	Analysis	8260D		1	113447	RC	EET ATL	02/11/26 22:49
Total/NA	Prep	3546			738616	MH	EET PEN	02/06/26 13:22
Total/NA	Analysis	8270E		2	738854	S1B	EET PEN	02/11/26 04:40
Total/NA	Prep	3546			738611	MH	EET PEN	02/06/26 13:19
Total/NA	Analysis	8270E SIM ID		5	738824	KJA	EET PEN	02/10/26 14:32
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113503	JO	EET ATL	02/11/26 00:29
Soluble	Leach	DI Leach			113327	JO	EET ATL	02/10/26 17:00
Soluble	Analysis	9056A		1	113504	JO	EET ATL	02/11/26 00:29
Total/NA	Prep	3050B			112875	BR	EET ATL	02/09/26 12:45
Total/NA	Analysis	6020B		5	113482	TT	EET ATL	02/10/26 20:52
Total/NA	Prep	7471B			113177	KB	EET ATL	02/11/26 08:30
Total/NA	Analysis	7471B		1	113808	GR	EET ATL	02/12/26 09:23
Soluble	Leach	DI Leach			739158	CAC	EET PEN	02/12/26 10:59
Soluble	Analysis	350.1		1	739209	CAC	EET PEN	02/12/26 13:25
Total/NA	Prep	3060A			738741	AC	EET PEN	02/09/26 10:03
Total/NA	Analysis	7199		1	738935	AR	EET PEN	02/11/26 00:19

Client Sample ID: Trip Blank
Lab Sample ID: 752-41545-11
Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	114032	AV	EET ATL	02/13/26 13:32

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41545-1
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	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5030B	Solid	Ethyl acetate
8260D	5030B	Solid	Hexane
8260D	5030B	Solid	Isopropyl ether
8260D	5030B	Solid	n-Heptane

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: S&ME Inc
Job ID: 752-41545-1
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
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 PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: S&ME Inc
Job ID: 752-41545-1
Project/Site: East End Park, Durham. NC

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41545-1	823-SED-1	Solid	02/03/26 15:45	02/03/26 16:40	North Carolina
752-41545-2	823-SED-2	Solid	02/03/26 15:00	02/03/26 16:40	North Carolina
752-41545-3	823-SED-3	Solid	02/03/26 14:15	02/03/26 16:40	North Carolina
752-41545-4	823-SED-4	Solid	02/03/26 13:45	02/03/26 16:40	North Carolina
752-41545-5	823-SED-5	Solid	02/03/26 13:00	02/03/26 16:40	North Carolina
752-41545-6	823-SED-6	Solid	02/03/26 12:15	02/03/26 16:40	North Carolina
752-41545-7	823-SED-7	Solid	02/03/26 11:30	02/03/26 16:40	North Carolina
752-41545-8	823-SED-8	Solid	02/03/26 10:45	02/03/26 16:40	North Carolina
752-41545-9	823-SED-9	Solid	02/03/26 10:00	02/03/26 16:40	North Carolina
752-41545-10	823-SED-Dup	Solid	02/03/26 00:00	02/03/26 16:40	North Carolina
752-41545-11	Trip Blank	Water	02/03/26 10:00	02/03/26 16:40	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 Govarno	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:			
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

752-41545 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-1	2-3-26	1545	G	S	N	N	X	X	X	X	X	X		9	
823-SED-2		1500												9	
823-SED-3		1415												9	
823-SED-4		1345												9	
823-SED-5		1300												9	
823-SED-6		1215												9	
823-SED-7		1130												9	
823-SED-8		1045												9	
823-SED-9		1000												9	
823-SED-DUP		-												9	
Trip Blanks													2	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 2-3-26 1630	Company S&ME	Received by:	Date/Time: 02/03/26 1640	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2-6/2.3 (DO)

Initial Temperature: 1.9 °C
Correction Factor: -0.3°C
Corrected Temperature: 1.6 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Ver: 05/06/2024 2/16/2026

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7878.1
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 #: 752-41545-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/6/2026			
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/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-1 (752-41545-1)	2/3/26	15.45 Eastern	G	Solid			X	X	X	X	X		
823-SED-2 (752-41545-2)	2/3/26	15 00 Eastern	G	Solid			X	X	X	X	X		
823-SED-3 (752-41545-3)	2/3/26	14 15 Eastern	G	Solid			X	X	X	X	X		
823-SED-4 (752-41545-4)	2/3/26	13 45 Eastern	G	Solid			X	X	X	X	X		
823-SED-5 (752-41545-5)	2/3/26	13 00 Eastern	G	Solid			X	X	X	X	X		
823-SED-6 (752-41545-6)	2/3/26	12:15 Eastern	G	Solid			X	X	X	X	X		
823-SED-7 (752-41545-7)	2/3/26	11 30 Eastern	G	Solid			X	X	X	X	X		
823-SED-8 (752-41545-8)	2/3/26	10 45 Eastern	G	Solid			X	X	X	X	X		
823-SED-9 (752-41545-9)	2/3/26	10 00 Eastern	G	Solid			X	X	X	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
DR	2/4/26 1415				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: DM	Date/Time: 02/06/26 1105	Company EETS

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0°C IR8, 0.8°C IR8, 0.5°C IR8, 2.0°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

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7878.2
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 #: 752-41545-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/6/2026			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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-Dup (752-41545-10)	2/3/26	Eastern	G	Solid			X	X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 02/06/26 1005	Company EETS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks: 0.0°C IR8, 0.8°C IR8, 0.5°C IR8, 2.0°C IR11

Ver 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41545-1

Login Number: 41545

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: 752-41545-1

Login Number: 41545
List Number: 2
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 02/05/26 10:50 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41545-1

Login Number: 41545
List Number: 3
Creator: Pardonner, Brett

List Source: Eurofins Pensacola
List Creation: 02/06/26 12:31 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.8°C 0.5°C IR8 2.0°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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/16/2026 9:43:59 AM

JOB DESCRIPTION

East End Park, Durham, NC

JOB NUMBER

752-41544-1

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 Drinking Water and Wastewater Southeast, LLC Project Manager.

Authorization

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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.

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.

General Chemistry

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

Glossary

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

Job Narrative
752-41544-1

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 2/3/2026 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.7°C and 3.2°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112647 recovered outside control limits for the following analyte: Isopropyl ether. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analyte esd recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect this compound it they been present. Since the affected target compound was not detected in the samples, the data have been reported and qualified.

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112666 recovered outside control limits for the following analytes: Isopropyl ether and Vinyl acetate. A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analytes recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect the compounds had they been present. Since the affected target compounds were not detected in the samples, the data have been reported and qualified.

Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The samples associated with the QC were non-detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-112666/4), (LCS 705-112666/1004) and (752-41471-G-7 MS)

Method 8260D: The laboratory control sample (LCS) for analytical batch 705-112832 recovered outside control limits for the following analytes: Isopropyl ether and 4-Methyl-2-pentanone (MIBK). A low-level LCS (LLCS), spiked at the reporting limit (RL), was prepared with this batch. The affected target analytes recovered within acceptance limits; therefore, the LLCS demonstrates the analytical system had sufficient sensitivity to detect the compounds had they been present. Since the affected target compounds were 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
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 SM 4500 SO4 E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: 823-SW-5 (752-41544-5), 823-SW-6 (752-41544-6), 823-SW-7 (752-41544-7), 823-SW-8 (752-41544-8), 823-SW-9 (752-41544-9) and 823-SW-Dup (752-41544-10). 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.

Detection Summary

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-1 — Lab Sample ID: 752-41544-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	167		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.523	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.53		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.44		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	327		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.99	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	36.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.380		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.137		0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.535		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.398		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	20.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-2 — Lab Sample ID: 752-41544-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	183		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.11		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	274		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.77	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	30.2		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.369		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0435	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.463		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.420		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	21.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-3 — Lab Sample ID: 752-41544-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	174		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	2.54		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	129		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.67	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	25.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.360		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0435	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.477		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.434		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-3 (Continued) — Lab Sample ID: 752-41544-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	39.0	F1	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-4 — Lab Sample ID: 752-41544-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.375	J	1.00	0.197	ug/L	1		8260D	Total/NA
Caprolactam	7.11	J	10.1	2.42	ug/L	1		8270E	Total/NA
Barium	160		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.22		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	136		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.04	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	27.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.359		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0279	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.475		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.447		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	38.8		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-5 — Lab Sample ID: 752-41544-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.43	J	10.0	4.04	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.68		1.00	0.227	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.256	J	1.00	0.214	ug/L	1		8260D	Total/NA
Trichloroethene	0.393	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.61	J	5.00	0.270	ug/L	1		8260D	Total/NA
Caprolactam	7.34	J	10.1	2.42	ug/L	1		8270E	Total/NA
Barium	123		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.64		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	0.952	J	1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	136		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.36	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	108		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.786		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0802	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.591		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.511		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	51.4		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-6 — Lab Sample ID: 752-41544-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.34	J	10.0	4.04	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.48		1.00	0.227	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 823-SW-6 (Continued)

Lab Sample ID: 752-41544-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.367	J	1.00	0.214	ug/L	1		8260D	Total/NA
Toluene	0.241	J	1.00	0.197	ug/L	1		8260D	Total/NA
Trichloroethene	0.510	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.62	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.596	J	1.00	0.304	ug/L	1		8260D	Total/NA
Barium	118		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.27		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.20		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	145		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	5.87		5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	132		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.800		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0885	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.605		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.517		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	53.9		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-7

Lab Sample ID: 752-41544-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.38	J	10.0	4.04	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.63		1.00	0.227	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.335	J	1.00	0.214	ug/L	1		8260D	Total/NA
Trichloroethene	0.608	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	0.649	J	1.00	0.304	ug/L	1		8260D	Total/NA
Barium	125		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.641	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	5.90		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	3.34		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	181		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.12	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.61	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	155		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.798		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0911	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.605		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.514		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	53.4		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-8 — Lab Sample ID: 752-41544-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.26	J	10.0	4.04	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.67		1.00	0.227	ug/L	1		8260D	Total/NA
Toluene	0.208	J	1.00	0.197	ug/L	1		8260D	Total/NA
Trichloroethene	0.516	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.13	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.654	J	1.00	0.304	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.590		0.299	0.299	ug/L	1		8270E	Total/NA
Caprolactam	7.46	J	9.97	2.39	ug/L	1		8270E	Total/NA
Barium	125		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.01		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	142		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.46	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	133		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.839		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0894	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.622		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.533		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	54.5		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 823-SW-9 — Lab Sample ID: 752-41544-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.21	J	10.0	4.04	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.97		1.00	0.227	ug/L	1		8260D	Total/NA
Toluene	0.250	J	1.00	0.197	ug/L	1		8260D	Total/NA
Trichloroethene	0.673	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.69	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.715	J	1.00	0.304	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.698		0.303	0.303	ug/L	1		8270E	Total/NA
Caprolactam	7.22	J	10.1	2.42	ug/L	1		8270E	Total/NA
Barium	117		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.84		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.01		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	130		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.23	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	125		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.843		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0931	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.636		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.543		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	53.4		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-41544-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.34	J	10.0	4.04	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.26		1.00	0.227	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.248	J	1.00	0.214	ug/L	1		8260D	Total/NA
Trichloroethene	0.478	J	1.00	0.211	ug/L	1		8260D	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.98	J	5.00	0.270	ug/L	1		8260D	Total/NA
Vinyl chloride	0.708	J	1.00	0.304	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.608		0.303	0.303	ug/L	1		8270E	Total/NA
Di-n-butyl phthalate	8.36	J	10.1	8.27	ug/L	1		8270E	Total/NA
Barium	115		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.74		2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	0.974	J	1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	135		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.35	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	115		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.787		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0875	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.622		0.200	0.0200	mg/L	2		353.2-1993 R2.0	Total/NA
Nitrate as N	0.535		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	53.3		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-41544-11

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-1
Date Collected: 02/03/26 15:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 22:22	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 22:22	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 22:22	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 22:22	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 22:22	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 22:22	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 22:22	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 22:22	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 22:22	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 22:22	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 22:22	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 22:22	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 22:22	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 22:22	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 22:22	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 22:22	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 22:22	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 22:22	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 22:22	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 22:22	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 22:22	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 22:22	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 22:22	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 22:22	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 22:22	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 22:22	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 22:22	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 22:22	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 22:22	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 22:22	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 22:22	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 22:22	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 22:22	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 22:22	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 22:22	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 22:22	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 22:22	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 22:22	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 22:22	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 22:22	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 22:22	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 22:22	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 22:22	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 22:22	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 22:22	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 22:22	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 22:22	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 22:22	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 22:22	1

Client Sample ID: 823-SW-1
Date Collected: 02/03/26 15:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 22:22	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 22:22	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 22:22	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 22:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 22:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 22:22	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 22:22	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 22:22	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 22:22	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 22:22	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 22:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 22:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 22:22	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 22:22	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 22:22	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 22:22	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 22:22	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 22:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 22:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 22:22	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 22:22	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 22:22	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 22:22*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/07/26 22:22*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/07/26 22:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		02/06/26 13:46	02/10/26 19:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*73*		*40 - 150*	*02/06/26 13:46*	*02/10/26 19:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.429	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		02/06/26 13:46	02/10/26 19:24	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		02/06/26 13:46	02/10/26 19:24	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		02/06/26 13:46	02/10/26 19:24	1
2-Chlorophenol	ND		10.2	0.857	ug/L		02/06/26 13:46	02/10/26 19:24	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		02/06/26 13:46	02/10/26 19:24	1
2-Methylphenol	ND		10.2	0.776	ug/L		02/06/26 13:46	02/10/26 19:24	1

Client Sample ID: 823-SW-1
Lab Sample ID: 752-41544-1
Date Collected: 02/03/26 15:45
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		02/06/26 13:46	02/10/26 19:24	1
2-Nitrophenol	ND		10.2	1.19	ug/L		02/06/26 13:46	02/10/26 19:24	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		02/06/26 13:46	02/10/26 19:24	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		02/06/26 13:46	02/10/26 19:24	1
3-Nitroaniline	ND		10.2	0.969	ug/L		02/06/26 13:46	02/10/26 19:24	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		02/06/26 13:46	02/10/26 19:24	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		02/06/26 13:46	02/10/26 19:24	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		02/06/26 13:46	02/10/26 19:24	1
4-Chloroaniline	ND		10.2	0.592	ug/L		02/06/26 13:46	02/10/26 19:24	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		02/06/26 13:46	02/10/26 19:24	1
4-Nitroaniline	ND		10.2	3.57	ug/L		02/06/26 13:46	02/10/26 19:24	1
4-Nitrophenol	ND		10.2	2.80	ug/L		02/06/26 13:46	02/10/26 19:24	1
Acenaphthene	ND		10.2	0.643	ug/L		02/06/26 13:46	02/10/26 19:24	1
Acenaphthylene	ND		10.2	0.776	ug/L		02/06/26 13:46	02/10/26 19:24	1
Acetophenone	ND		10.2	3.27	ug/L		02/06/26 13:46	02/10/26 19:24	1
Anthracene	ND		10.2	0.929	ug/L		02/06/26 13:46	02/10/26 19:24	1
Atrazine	ND		10.2	1.15	ug/L		02/06/26 13:46	02/10/26 19:24	1
Benzaldehyde	ND		10.2	0.684	ug/L		02/06/26 13:46	02/10/26 19:24	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/06/26 13:46	02/10/26 19:24	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		02/06/26 13:46	02/10/26 19:24	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		02/06/26 13:46	02/10/26 19:24	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		02/06/26 13:46	02/10/26 19:24	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		02/06/26 13:46	02/10/26 19:24	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		02/06/26 13:46	02/10/26 19:24	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		02/06/26 13:46	02/10/26 19:24	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		02/06/26 13:46	02/10/26 19:24	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 19:24	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 19:24	1
Caprolactam	ND		10.2	2.45	ug/L		02/06/26 13:46	02/10/26 19:24	1
Carbazole	ND		10.2	0.327	ug/L		02/06/26 13:46	02/10/26 19:24	1
Chrysene	ND		10.2	1.22	ug/L		02/06/26 13:46	02/10/26 19:24	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		02/06/26 13:46	02/10/26 19:24	1
Dibenzofuran	ND		10.2	0.653	ug/L		02/06/26 13:46	02/10/26 19:24	1
Diethyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 19:24	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 19:24	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		02/06/26 13:46	02/10/26 19:24	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		02/06/26 13:46	02/10/26 19:24	1
Fluoranthene	ND		10.2	0.643	ug/L		02/06/26 13:46	02/10/26 19:24	1
Fluorene	ND		10.2	0.684	ug/L		02/06/26 13:46	02/10/26 19:24	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		02/06/26 13:46	02/10/26 19:24	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		02/06/26 13:46	02/10/26 19:24	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		02/06/26 13:46	02/10/26 19:24	1
Hexachloroethane	ND		10.2	0.541	ug/L		02/06/26 13:46	02/10/26 19:24	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		02/06/26 13:46	02/10/26 19:24	1
Isophorone	ND		10.2	0.816	ug/L		02/06/26 13:46	02/10/26 19:24	1
Naphthalene	ND		10.2	0.765	ug/L		02/06/26 13:46	02/10/26 19:24	1
Nitrobenzene	ND		10.2	0.612	ug/L		02/06/26 13:46	02/10/26 19:24	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		02/06/26 13:46	02/10/26 19:24	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		02/06/26 13:46	02/10/26 19:24	1

Client Sample ID: 823-SW-1
Date Collected: 02/03/26 15:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.86	ug/L		02/06/26 13:46	02/10/26 19:24	1
Phenanthrene	ND		10.2	0.755	ug/L		02/06/26 13:46	02/10/26 19:24	1
Phenol	ND		10.2	0.694	ug/L		02/06/26 13:46	02/10/26 19:24	1
Pyrene	ND		10.2	0.643	ug/L		02/06/26 13:46	02/10/26 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 150*	*02/06/26 13:46*	*02/10/26 19:24*	*1*
2-Fluorobiphenyl (Surr)	*57*		*25 - 139*	*02/06/26 13:46*	*02/10/26 19:24*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 150*	*02/06/26 13:46*	*02/10/26 19:24*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 150*	*02/06/26 13:46*	*02/10/26 19:24*	*1*
Phenol-d5 (Surr)	*58*		*10 - 150*	*02/06/26 13:46*	*02/10/26 19:24*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*02/06/26 13:46*	*02/10/26 19:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/11/26 03:12	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/11/26 03:12	1
Barium	**167**		10.0	0.410	ug/L		02/05/26 12:50	02/11/26 03:12	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/11/26 03:12	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/11/26 03:12	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/11/26 03:12	1
Cobalt	**0.523**	**J**	5.00	0.411	ug/L		02/05/26 12:50	02/11/26 03:12	1
Copper	**3.53**		2.00	0.642	ug/L		02/05/26 12:50	02/11/26 03:12	1
Lead	**1.44**		1.00	0.864	ug/L		02/05/26 12:50	02/11/26 03:12	1
Manganese	**327**		5.00	1.29	ug/L		02/05/26 12:50	02/11/26 03:12	1
Nickel	**1.99**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/11/26 03:12	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/11/26 03:12	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/11/26 03:12	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/11/26 03:12	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/11/26 03:12	1
Zinc	**36.6**		10.0	8.91	ug/L		02/05/26 12:50	02/11/26 03:12	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		02/06/26 11:48	02/06/26 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.380**		0.0500	0.0200	mg/L			02/11/26 11:04	1
Nitrite as N (EPA 353.2)	**0.137**		0.100	0.0168	mg/L			02/04/26 17:08	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.535**		0.200	0.0200	mg/L			02/06/26 14:55	2
Nitrate as N (SM Nitrate by calc)	**0.398**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**20.7**		5.00	1.40	mg/L			02/07/26 17:48	1

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-2
Lab Sample ID: 752-41544-2
Date Collected: 02/03/26 15:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/12/26 04:05	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 04:05	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 04:05	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 04:05	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 04:05	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 04:05	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 04:05	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 04:05	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 04:05	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 04:05	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 04:05	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 04:05	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 04:05	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 04:05	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 04:05	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 04:05	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/12/26 04:05	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 04:05	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 04:05	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 04:05	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 04:05	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 04:05	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 04:05	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 04:05	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 04:05	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 04:05	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 04:05	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 04:05	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 04:05	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 04:05	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 04:05	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 04:05	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 04:05	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 04:05	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 04:05	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 04:05	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 04:05	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 04:05	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 04:05	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 04:05	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 04:05	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 04:05	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 04:05	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 04:05	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 04:05	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 04:05	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 04:05	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 04:05	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 04:05	1

Client Sample ID: 823-SW-2

Date Collected: 02/03/26 15:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 04:05	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 04:05	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 04:05	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 04:05	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 04:05	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 04:05	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 04:05	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 04:05	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 04:05	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 04:05	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 04:05	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 04:05	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 04:05	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 04:05	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 04:05	1
Trichloroethene	ND		1.00	0.211	ug/L			02/12/26 04:05	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 04:05	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 04:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/12/26 04:05	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 04:05	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 04:05	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 04:05	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 04:05	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 04:05*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/12/26 04:05*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 04:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.307	0.307	ug/L		02/06/26 13:46	02/10/26 19:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*76*		*40 - 150*	*02/06/26 13:46*	*02/10/26 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.430	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,4,5-Trichlorophenol	ND		10.2	0.553	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,4,6-Trichlorophenol	ND		10.2	1.12	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,4-Dichlorophenol	ND		10.2	0.584	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,4-Dimethylphenol	ND		10.2	0.246	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,4-Dinitrophenol	ND		30.7	4.79	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,4-Dinitrotoluene	ND		10.2	0.666	ug/L		02/06/26 13:46	02/10/26 19:54	1
2,6-Dinitrotoluene	ND		10.2	0.297	ug/L		02/06/26 13:46	02/10/26 19:54	1
2-Chloronaphthalene	ND		10.2	0.389	ug/L		02/06/26 13:46	02/10/26 19:54	1
2-Chlorophenol	ND		10.2	0.860	ug/L		02/06/26 13:46	02/10/26 19:54	1
2-Methylnaphthalene	ND		10.2	0.829	ug/L		02/06/26 13:46	02/10/26 19:54	1
2-Methylphenol	ND		10.2	0.778	ug/L		02/06/26 13:46	02/10/26 19:54	1

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-2
Lab Sample ID: 752-41544-2
Date Collected: 02/03/26 15:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		02/06/26 13:46	02/10/26 19:54	1
2-Nitrophenol	ND		10.2	1.20	ug/L		02/06/26 13:46	02/10/26 19:54	1
3 & 4 Methylphenol	ND		20.5	4.71	ug/L		02/06/26 13:46	02/10/26 19:54	1
3,3'-Dichlorobenzidine	ND		11.3	0.420	ug/L		02/06/26 13:46	02/10/26 19:54	1
3-Nitroaniline	ND		10.2	0.973	ug/L		02/06/26 13:46	02/10/26 19:54	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.02	ug/L		02/06/26 13:46	02/10/26 19:54	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		02/06/26 13:46	02/10/26 19:54	1
4-Chloro-3-methylphenol	ND		10.2	0.747	ug/L		02/06/26 13:46	02/10/26 19:54	1
4-Chloroaniline	ND		10.2	0.594	ug/L		02/06/26 13:46	02/10/26 19:54	1
4-Chlorophenyl phenyl ether	ND		10.2	0.246	ug/L		02/06/26 13:46	02/10/26 19:54	1
4-Nitroaniline	ND		10.2	3.58	ug/L		02/06/26 13:46	02/10/26 19:54	1
4-Nitrophenol	ND		10.2	2.81	ug/L		02/06/26 13:46	02/10/26 19:54	1
Acenaphthene	ND		10.2	0.645	ug/L		02/06/26 13:46	02/10/26 19:54	1
Acenaphthylene	ND		10.2	0.778	ug/L		02/06/26 13:46	02/10/26 19:54	1
Acetophenone	ND		10.2	3.28	ug/L		02/06/26 13:46	02/10/26 19:54	1
Anthracene	ND		10.2	0.932	ug/L		02/06/26 13:46	02/10/26 19:54	1
Atrazine	ND		10.2	1.16	ug/L		02/06/26 13:46	02/10/26 19:54	1
Benzaldehyde	ND		10.2	0.686	ug/L		02/06/26 13:46	02/10/26 19:54	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/06/26 13:46	02/10/26 19:54	1
Benzo[a]pyrene	ND		10.2	1.13	ug/L		02/06/26 13:46	02/10/26 19:54	1
Benzo[b]fluoranthene	ND		10.2	1.23	ug/L		02/06/26 13:46	02/10/26 19:54	1
Benzo[g,h,i]perylene	ND		10.2	1.54	ug/L		02/06/26 13:46	02/10/26 19:54	1
Benzo[k]fluoranthene	ND		10.2	1.54	ug/L		02/06/26 13:46	02/10/26 19:54	1
bis (2-chloroisopropyl) ether	ND		10.2	0.952	ug/L		02/06/26 13:46	02/10/26 19:54	1
Bis(2-chloroethoxy)methane	ND		10.2	0.348	ug/L		02/06/26 13:46	02/10/26 19:54	1
Bis(2-chloroethyl)ether	ND		10.2	0.747	ug/L		02/06/26 13:46	02/10/26 19:54	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.10	ug/L		02/06/26 13:46	02/10/26 19:54	1
Butyl benzyl phthalate	ND		10.2	4.10	ug/L		02/06/26 13:46	02/10/26 19:54	1
Caprolactam	ND		10.2	2.46	ug/L		02/06/26 13:46	02/10/26 19:54	1
Carbazole	ND		10.2	0.328	ug/L		02/06/26 13:46	02/10/26 19:54	1
Chrysene	ND		10.2	1.23	ug/L		02/06/26 13:46	02/10/26 19:54	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		02/06/26 13:46	02/10/26 19:54	1
Dibenzofuran	ND		10.2	0.655	ug/L		02/06/26 13:46	02/10/26 19:54	1
Diethyl phthalate	ND		10.2	4.10	ug/L		02/06/26 13:46	02/10/26 19:54	1
Dimethyl phthalate	ND		10.2	4.10	ug/L		02/06/26 13:46	02/10/26 19:54	1
Di-n-butyl phthalate	ND		10.2	8.39	ug/L		02/06/26 13:46	02/10/26 19:54	1
Di-n-octyl phthalate	ND		10.2	4.10	ug/L		02/06/26 13:46	02/10/26 19:54	1
Fluoranthene	ND		10.2	0.645	ug/L		02/06/26 13:46	02/10/26 19:54	1
Fluorene	ND		10.2	0.686	ug/L		02/06/26 13:46	02/10/26 19:54	1
Hexachlorobenzene	ND		10.2	0.256	ug/L		02/06/26 13:46	02/10/26 19:54	1
Hexachlorobutadiene	ND		10.2	0.563	ug/L		02/06/26 13:46	02/10/26 19:54	1
Hexachlorocyclopentadiene	ND		20.5	0.328	ug/L		02/06/26 13:46	02/10/26 19:54	1
Hexachloroethane	ND		10.2	0.543	ug/L		02/06/26 13:46	02/10/26 19:54	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.13	ug/L		02/06/26 13:46	02/10/26 19:54	1
Isophorone	ND		10.2	0.819	ug/L		02/06/26 13:46	02/10/26 19:54	1
Naphthalene	ND		10.2	0.768	ug/L		02/06/26 13:46	02/10/26 19:54	1
Nitrobenzene	ND		10.2	0.614	ug/L		02/06/26 13:46	02/10/26 19:54	1
N-Nitrosodi-n-propylamine	ND		10.2	0.338	ug/L		02/06/26 13:46	02/10/26 19:54	1
N-Nitrosodiphenylamine	ND		10.2	0.195	ug/L		02/06/26 13:46	02/10/26 19:54	1

Client Sample ID: 823-SW-2
Date Collected: 02/03/26 15:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.87	ug/L		02/06/26 13:46	02/10/26 19:54	1
Phenanthrene	ND		10.2	0.758	ug/L		02/06/26 13:46	02/10/26 19:54	1
Phenol	ND		10.2	0.696	ug/L		02/06/26 13:46	02/10/26 19:54	1
Pyrene	ND		10.2	0.645	ug/L		02/06/26 13:46	02/10/26 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*02/06/26 13:46*	*02/10/26 19:54*	*1*
2-Fluorobiphenyl (Surr)	*62*		*25 - 139*	*02/06/26 13:46*	*02/10/26 19:54*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 150*	*02/06/26 13:46*	*02/10/26 19:54*	*1*
Nitrobenzene-d5 (Surr)	*69*		*22 - 150*	*02/06/26 13:46*	*02/10/26 19:54*	*1*
Phenol-d5 (Surr)	*69*		*10 - 150*	*02/06/26 13:46*	*02/10/26 19:54*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*02/06/26 13:46*	*02/10/26 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:25	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:25	1
Barium	**183**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:25	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:25	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:25	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:25	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:25	1
Copper	**3.11**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:25	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:25	1
Manganese	**274**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:25	1
Nickel	**4.77**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:25	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:25	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:25	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:25	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:25	1
Zinc	**30.2**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.369**		0.0500	0.0200	mg/L			02/11/26 11:06	1
Nitrite as N (EPA 353.2)	**0.0435**	**J**	0.100	0.0168	mg/L			02/04/26 17:09	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.463**		0.200	0.0200	mg/L			02/06/26 14:57	2
Nitrate as N (SM Nitrate by calc)	**0.420**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**21.5**		5.00	1.40	mg/L			02/07/26 17:49	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-3
Date Collected: 02/03/26 14:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 18:37	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 18:37	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 18:37	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 18:37	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 18:37	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 18:37	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 18:37	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 18:37	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 18:37	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 18:37	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 18:37	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 18:37	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 18:37	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 18:37	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 18:37	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 18:37	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 18:37	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 18:37	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 18:37	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 18:37	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 18:37	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 18:37	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 18:37	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 18:37	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 18:37	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 18:37	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 18:37	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 18:37	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 18:37	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 18:37	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 18:37	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 18:37	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 18:37	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 18:37	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 18:37	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 18:37	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 18:37	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 18:37	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 18:37	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 18:37	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 18:37	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 18:37	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 18:37	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 18:37	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 18:37	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 18:37	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 18:37	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 18:37	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 18:37	1

Client Sample ID: 823-SW-3
Date Collected: 02/03/26 14:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 18:37	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 18:37	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 18:37	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 18:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 18:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 18:37	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 18:37	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 18:37	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 18:37	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 18:37	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 18:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 18:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 18:37	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 18:37	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 18:37	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 18:37	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 18:37	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 18:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 18:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 18:37	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 18:37	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 18:37	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/07/26 18:37*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 18:37*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 18:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.297	0.297	ug/L		02/06/26 13:46	02/10/26 20:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*66*		*40 - 150*	*02/06/26 13:46*	*02/10/26 20:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.90	0.416	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,4,5-Trichlorophenol	ND		9.90	0.535	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,4,6-Trichlorophenol	ND		9.90	1.08	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,4-Dichlorophenol	ND		9.90	0.564	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,4-Dimethylphenol	ND		9.90	0.238	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,4-Dinitrophenol	ND		29.7	4.63	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,4-Dinitrotoluene	ND		9.90	0.644	ug/L		02/06/26 13:46	02/10/26 20:24	1
2,6-Dinitrotoluene	ND		9.90	0.287	ug/L		02/06/26 13:46	02/10/26 20:24	1
2-Chloronaphthalene	ND		9.90	0.376	ug/L		02/06/26 13:46	02/10/26 20:24	1
2-Chlorophenol	ND		9.90	0.832	ug/L		02/06/26 13:46	02/10/26 20:24	1
2-Methylnaphthalene	ND		9.90	0.802	ug/L		02/06/26 13:46	02/10/26 20:24	1
2-Methylphenol	ND		9.90	0.752	ug/L		02/06/26 13:46	02/10/26 20:24	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-3
Date Collected: 02/03/26 14:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.90	1.36	ug/L		02/06/26 13:46	02/10/26 20:24	1
2-Nitrophenol	ND		9.90	1.16	ug/L		02/06/26 13:46	02/10/26 20:24	1
3 & 4 Methylphenol	ND		19.8	4.55	ug/L		02/06/26 13:46	02/10/26 20:24	1
3,3'-Dichlorobenzidine	ND		10.9	0.406	ug/L		02/06/26 13:46	02/10/26 20:24	1
3-Nitroaniline	ND		9.90	0.941	ug/L		02/06/26 13:46	02/10/26 20:24	1
4,6-Dinitro-2-methylphenol	ND		9.90	1.95	ug/L		02/06/26 13:46	02/10/26 20:24	1
4-Bromophenyl phenyl ether	ND		9.90	0.129	ug/L		02/06/26 13:46	02/10/26 20:24	1
4-Chloro-3-methylphenol	ND		9.90	0.723	ug/L		02/06/26 13:46	02/10/26 20:24	1
4-Chloroaniline	ND		9.90	0.574	ug/L		02/06/26 13:46	02/10/26 20:24	1
4-Chlorophenyl phenyl ether	ND		9.90	0.238	ug/L		02/06/26 13:46	02/10/26 20:24	1
4-Nitroaniline	ND		9.90	3.47	ug/L		02/06/26 13:46	02/10/26 20:24	1
4-Nitrophenol	ND		9.90	2.71	ug/L		02/06/26 13:46	02/10/26 20:24	1
Acenaphthene	ND		9.90	0.624	ug/L		02/06/26 13:46	02/10/26 20:24	1
Acenaphthylene	ND		9.90	0.752	ug/L		02/06/26 13:46	02/10/26 20:24	1
Acetophenone	ND		9.90	3.17	ug/L		02/06/26 13:46	02/10/26 20:24	1
Anthracene	ND		9.90	0.901	ug/L		02/06/26 13:46	02/10/26 20:24	1
Atrazine	ND		9.90	1.12	ug/L		02/06/26 13:46	02/10/26 20:24	1
Benzaldehyde	ND		9.90	0.663	ug/L		02/06/26 13:46	02/10/26 20:24	1
Benzo[a]anthracene	ND		9.90	0.990	ug/L		02/06/26 13:46	02/10/26 20:24	1
Benzo[a]pyrene	ND		9.90	1.09	ug/L		02/06/26 13:46	02/10/26 20:24	1
Benzo[b]fluoranthene	ND		9.90	1.19	ug/L		02/06/26 13:46	02/10/26 20:24	1
Benzo[g,h,i]perylene	ND		9.90	1.49	ug/L		02/06/26 13:46	02/10/26 20:24	1
Benzo[k]fluoranthene	ND		9.90	1.49	ug/L		02/06/26 13:46	02/10/26 20:24	1
bis (2-chloroisopropyl) ether	ND		9.90	0.921	ug/L		02/06/26 13:46	02/10/26 20:24	1
Bis(2-chloroethoxy)methane	ND		9.90	0.337	ug/L		02/06/26 13:46	02/10/26 20:24	1
Bis(2-chloroethyl)ether	ND		9.90	0.723	ug/L		02/06/26 13:46	02/10/26 20:24	1
Bis(2-ethylhexyl) phthalate	ND		9.90	3.96	ug/L		02/06/26 13:46	02/10/26 20:24	1
Butyl benzyl phthalate	ND		9.90	3.96	ug/L		02/06/26 13:46	02/10/26 20:24	1
Caprolactam	ND		9.90	2.38	ug/L		02/06/26 13:46	02/10/26 20:24	1
Carbazole	ND		9.90	0.317	ug/L		02/06/26 13:46	02/10/26 20:24	1
Chrysene	ND		9.90	1.19	ug/L		02/06/26 13:46	02/10/26 20:24	1
Dibenz(a,h)anthracene	ND		9.90	1.29	ug/L		02/06/26 13:46	02/10/26 20:24	1
Dibenzofuran	ND		9.90	0.634	ug/L		02/06/26 13:46	02/10/26 20:24	1
Diethyl phthalate	ND		9.90	3.96	ug/L		02/06/26 13:46	02/10/26 20:24	1
Dimethyl phthalate	ND		9.90	3.96	ug/L		02/06/26 13:46	02/10/26 20:24	1
Di-n-butyl phthalate	ND		9.90	8.11	ug/L		02/06/26 13:46	02/10/26 20:24	1
Di-n-octyl phthalate	ND		9.90	3.96	ug/L		02/06/26 13:46	02/10/26 20:24	1
Fluoranthene	ND		9.90	0.624	ug/L		02/06/26 13:46	02/10/26 20:24	1
Fluorene	ND		9.90	0.663	ug/L		02/06/26 13:46	02/10/26 20:24	1
Hexachlorobenzene	ND		9.90	0.248	ug/L		02/06/26 13:46	02/10/26 20:24	1
Hexachlorobutadiene	ND		9.90	0.545	ug/L		02/06/26 13:46	02/10/26 20:24	1
Hexachlorocyclopentadiene	ND		19.8	0.317	ug/L		02/06/26 13:46	02/10/26 20:24	1
Hexachloroethane	ND		9.90	0.525	ug/L		02/06/26 13:46	02/10/26 20:24	1
Indeno[1,2,3-cd]pyrene	ND		9.90	1.09	ug/L		02/06/26 13:46	02/10/26 20:24	1
Isophorone	ND		9.90	0.792	ug/L		02/06/26 13:46	02/10/26 20:24	1
Naphthalene	ND		9.90	0.743	ug/L		02/06/26 13:46	02/10/26 20:24	1
Nitrobenzene	ND		9.90	0.594	ug/L		02/06/26 13:46	02/10/26 20:24	1
N-Nitrosodi-n-propylamine	ND		9.90	0.327	ug/L		02/06/26 13:46	02/10/26 20:24	1
N-Nitrosodiphenylamine	ND		9.90	0.188	ug/L		02/06/26 13:46	02/10/26 20:24	1

Client Sample ID: 823-SW-3
Date Collected: 02/03/26 14:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.90	2.77	ug/L		02/06/26 13:46	02/10/26 20:24	1
Phenanthrene	ND		9.90	0.733	ug/L		02/06/26 13:46	02/10/26 20:24	1
Phenol	ND		9.90	0.673	ug/L		02/06/26 13:46	02/10/26 20:24	1
Pyrene	ND		9.90	0.624	ug/L		02/06/26 13:46	02/10/26 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*02/06/26 13:46*	*02/10/26 20:24*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/06/26 13:46*	*02/10/26 20:24*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*02/06/26 13:46*	*02/10/26 20:24*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*02/06/26 13:46*	*02/10/26 20:24*	*1*
Phenol-d5 (Surr)	*65*		*10 - 150*	*02/06/26 13:46*	*02/10/26 20:24*	*1*
Terphenyl-d14 (Surr)	*74*		*28 - 150*	*02/06/26 13:46*	*02/10/26 20:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:27	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:27	1
Barium	**174**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:27	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:27	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:27	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:27	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:27	1
Copper	**2.54**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:27	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:27	1
Manganese	**129**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:27	1
Nickel	**2.67**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:27	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:27	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:27	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:27	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:27	1
Zinc	**25.0**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.360**		0.0500	0.0200	mg/L			02/11/26 11:08	1
Nitrite as N (EPA 353.2)	**0.0435**	**J**	0.100	0.0168	mg/L			02/04/26 17:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.477**		0.200	0.0200	mg/L			02/06/26 14:59	2
Nitrate as N (SM Nitrate by calc)	**0.434**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**39.0**	**F1**	5.00	1.40	mg/L			02/07/26 17:26	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-4
Date Collected: 02/03/26 13:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 19:02	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 19:02	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 19:02	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 19:02	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 19:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 19:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 19:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 19:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 19:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 19:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 19:02	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 19:02	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 19:02	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 19:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 19:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 19:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 19:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 19:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 19:02	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 19:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 19:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 19:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 19:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 19:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 19:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 19:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 19:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 19:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 19:02	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 19:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 19:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 19:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 19:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 19:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 19:02	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 19:02	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 19:02	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 19:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 19:02	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 19:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 19:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 19:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 19:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 19:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 19:02	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 19:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 19:02	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 19:02	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 19:02	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-4
Date Collected: 02/03/26 13:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 19:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 19:02	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 19:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 19:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 19:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 19:02	1
Toluene	**0.375**	**J**	1.00	0.197	ug/L			02/07/26 19:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 19:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 19:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 19:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 19:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 19:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 19:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 19:02	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 19:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 19:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 19:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 19:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 19:02	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 19:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 19:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 19:02*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/07/26 19:02*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 19:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		02/06/26 13:46	02/10/26 20:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*40 - 150*	*02/06/26 13:46*	*02/10/26 20:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		02/06/26 13:46	02/10/26 20:54	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		02/06/26 13:46	02/10/26 20:54	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		02/06/26 13:46	02/10/26 20:54	1
2-Chlorophenol	ND		10.1	0.846	ug/L		02/06/26 13:46	02/10/26 20:54	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		02/06/26 13:46	02/10/26 20:54	1
2-Methylphenol	ND		10.1	0.765	ug/L		02/06/26 13:46	02/10/26 20:54	1

Client Sample ID: 823-SW-4
Date Collected: 02/03/26 13:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.38	ug/L		02/06/26 13:46	02/10/26 20:54	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/06/26 13:46	02/10/26 20:54	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		02/06/26 13:46	02/10/26 20:54	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		02/06/26 13:46	02/10/26 20:54	1
3-Nitroaniline	ND		10.1	0.956	ug/L		02/06/26 13:46	02/10/26 20:54	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		02/06/26 13:46	02/10/26 20:54	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/06/26 13:46	02/10/26 20:54	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		02/06/26 13:46	02/10/26 20:54	1
4-Chloroaniline	ND		10.1	0.584	ug/L		02/06/26 13:46	02/10/26 20:54	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 20:54	1
4-Nitroaniline	ND		10.1	3.52	ug/L		02/06/26 13:46	02/10/26 20:54	1
4-Nitrophenol	ND		10.1	2.76	ug/L		02/06/26 13:46	02/10/26 20:54	1
Acenaphthene	ND		10.1	0.634	ug/L		02/06/26 13:46	02/10/26 20:54	1
Acenaphthylene	ND		10.1	0.765	ug/L		02/06/26 13:46	02/10/26 20:54	1
Acetophenone	ND		10.1	3.22	ug/L		02/06/26 13:46	02/10/26 20:54	1
Anthracene	ND		10.1	0.916	ug/L		02/06/26 13:46	02/10/26 20:54	1
Atrazine	ND		10.1	1.14	ug/L		02/06/26 13:46	02/10/26 20:54	1
Benzaldehyde	ND		10.1	0.674	ug/L		02/06/26 13:46	02/10/26 20:54	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/06/26 13:46	02/10/26 20:54	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 20:54	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 20:54	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		02/06/26 13:46	02/10/26 20:54	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		02/06/26 13:46	02/10/26 20:54	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		02/06/26 13:46	02/10/26 20:54	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		02/06/26 13:46	02/10/26 20:54	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		02/06/26 13:46	02/10/26 20:54	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 20:54	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 20:54	1
Caprolactam	**7.11**	**J**	10.1	2.42	ug/L		02/06/26 13:46	02/10/26 20:54	1
Carbazole	ND		10.1	0.322	ug/L		02/06/26 13:46	02/10/26 20:54	1
Chrysene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 20:54	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/06/26 13:46	02/10/26 20:54	1
Dibenzofuran	ND		10.1	0.644	ug/L		02/06/26 13:46	02/10/26 20:54	1
Diethyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 20:54	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 20:54	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		02/06/26 13:46	02/10/26 20:54	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 20:54	1
Fluoranthene	ND		10.1	0.634	ug/L		02/06/26 13:46	02/10/26 20:54	1
Fluorene	ND		10.1	0.674	ug/L		02/06/26 13:46	02/10/26 20:54	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		02/06/26 13:46	02/10/26 20:54	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		02/06/26 13:46	02/10/26 20:54	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		02/06/26 13:46	02/10/26 20:54	1
Hexachloroethane	ND		10.1	0.534	ug/L		02/06/26 13:46	02/10/26 20:54	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 20:54	1
Isophorone	ND		10.1	0.805	ug/L		02/06/26 13:46	02/10/26 20:54	1
Naphthalene	ND		10.1	0.755	ug/L		02/06/26 13:46	02/10/26 20:54	1
Nitrobenzene	ND		10.1	0.604	ug/L		02/06/26 13:46	02/10/26 20:54	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		02/06/26 13:46	02/10/26 20:54	1
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		02/06/26 13:46	02/10/26 20:54	1

Client Sample ID: 823-SW-4
Date Collected: 02/03/26 13:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.82	ug/L		02/06/26 13:46	02/10/26 20:54	1
Phenanthrene	ND		10.1	0.745	ug/L		02/06/26 13:46	02/10/26 20:54	1
Phenol	ND		10.1	0.685	ug/L		02/06/26 13:46	02/10/26 20:54	1
Pyrene	ND		10.1	0.634	ug/L		02/06/26 13:46	02/10/26 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 150*	*02/06/26 13:46*	*02/10/26 20:54*	*1*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*	*02/06/26 13:46*	*02/10/26 20:54*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*02/06/26 13:46*	*02/10/26 20:54*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 150*	*02/06/26 13:46*	*02/10/26 20:54*	*1*
Phenol-d5 (Surr)	*57*		*10 - 150*	*02/06/26 13:46*	*02/10/26 20:54*	*1*
Terphenyl-d14 (Surr)	*70*		*28 - 150*	*02/06/26 13:46*	*02/10/26 20:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:30	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:30	1
Barium	**160**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:30	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:30	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:30	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:30	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:30	1
Copper	**3.22**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:30	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:30	1
Manganese	**136**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:30	1
Nickel	**2.04**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:30	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:30	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:30	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:30	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:30	1
Zinc	**27.6**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.359**		0.0500	0.0200	mg/L			02/11/26 11:10	1
Nitrite as N (EPA 353.2)	**0.0279**	**J**	0.100	0.0168	mg/L			02/04/26 17:11	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.475**		0.200	0.0200	mg/L			02/06/26 15:01	2
Nitrate as N (SM Nitrate by calc)	**0.447**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**38.8**		5.00	1.40	mg/L			02/07/26 17:27	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-5
Date Collected: 02/03/26 13:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**6.43**	**J**	10.0	4.04	ug/L			02/12/26 04:29	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 04:29	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 04:29	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 04:29	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 04:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 04:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 04:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 04:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 04:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 04:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 04:29	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 04:29	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 04:29	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 04:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 04:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 04:29	1
cis-1,2-Dichloroethene	**3.68**		1.00	0.227	ug/L			02/12/26 04:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 04:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 04:29	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 04:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 04:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 04:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 04:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 04:29	1
1,1-Dichloroethane	**0.256**	**J**	1.00	0.214	ug/L			02/12/26 04:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 04:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 04:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 04:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 04:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 04:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 04:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 04:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 04:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 04:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 04:29	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 04:29	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 04:29	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 04:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 04:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 04:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 04:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 04:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 04:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 04:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 04:29	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 04:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 04:29	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 04:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 04:29	1

Client Sample ID: 823-SW-5

Date Collected: 02/03/26 13:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 04:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 04:29	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 04:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 04:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 04:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 04:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 04:29	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 04:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 04:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 04:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 04:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 04:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 04:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 04:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 04:29	1
Trichloroethene	**0.393**	**J**	1.00	0.211	ug/L			02/12/26 04:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 04:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.61**	**J**	5.00	0.270	ug/L			02/12/26 04:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 04:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 04:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 04:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/12/26 04:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 04:29*	*1*
Dibromofluoromethane	*101*		*77 - 121*		*02/12/26 04:29*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 04:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		02/06/26 13:46	02/10/26 21:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*67*		*40 - 150*	*02/06/26 13:46*	*02/10/26 21:24*	*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		02/06/26 13:46	02/10/26 21:24	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		02/06/26 13:46	02/10/26 21:24	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/06/26 13:46	02/10/26 21:24	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		02/06/26 13:46	02/10/26 21:24	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 21:24	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		02/06/26 13:46	02/10/26 21:24	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		02/06/26 13:46	02/10/26 21:24	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		02/06/26 13:46	02/10/26 21:24	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		02/06/26 13:46	02/10/26 21:24	1
2-Chlorophenol	ND		10.1	0.848	ug/L		02/06/26 13:46	02/10/26 21:24	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		02/06/26 13:46	02/10/26 21:24	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-5
Date Collected: 02/03/26 13:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		02/06/26 13:46	02/10/26 21:24	1
2-Nitroaniline	ND		10.1	1.38	ug/L		02/06/26 13:46	02/10/26 21:24	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/06/26 13:46	02/10/26 21:24	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		02/06/26 13:46	02/10/26 21:24	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		02/06/26 13:46	02/10/26 21:24	1
3-Nitroaniline	ND		10.1	0.960	ug/L		02/06/26 13:46	02/10/26 21:24	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		02/06/26 13:46	02/10/26 21:24	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/06/26 13:46	02/10/26 21:24	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		02/06/26 13:46	02/10/26 21:24	1
4-Chloroaniline	ND		10.1	0.586	ug/L		02/06/26 13:46	02/10/26 21:24	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 21:24	1
4-Nitroaniline	ND		10.1	3.54	ug/L		02/06/26 13:46	02/10/26 21:24	1
4-Nitrophenol	ND		10.1	2.77	ug/L		02/06/26 13:46	02/10/26 21:24	1
Acenaphthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/10/26 21:24	1
Acenaphthylene	ND		10.1	0.768	ug/L		02/06/26 13:46	02/10/26 21:24	1
Acetophenone	ND		10.1	3.23	ug/L		02/06/26 13:46	02/10/26 21:24	1
Anthracene	ND		10.1	0.919	ug/L		02/06/26 13:46	02/10/26 21:24	1
Atrazine	ND		10.1	1.14	ug/L		02/06/26 13:46	02/10/26 21:24	1
Benzaldehyde	ND		10.1	0.677	ug/L		02/06/26 13:46	02/10/26 21:24	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/06/26 13:46	02/10/26 21:24	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 21:24	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 21:24	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/10/26 21:24	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/10/26 21:24	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		02/06/26 13:46	02/10/26 21:24	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		02/06/26 13:46	02/10/26 21:24	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		02/06/26 13:46	02/10/26 21:24	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:24	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:24	1
Caprolactam	**7.34**	**J**	10.1	2.42	ug/L		02/06/26 13:46	02/10/26 21:24	1
Carbazole	ND		10.1	0.323	ug/L		02/06/26 13:46	02/10/26 21:24	1
Chrysene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 21:24	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/06/26 13:46	02/10/26 21:24	1
Dibenzofuran	ND		10.1	0.646	ug/L		02/06/26 13:46	02/10/26 21:24	1
Diethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:24	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:24	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		02/06/26 13:46	02/10/26 21:24	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:24	1
Fluoranthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/10/26 21:24	1
Fluorene	ND		10.1	0.677	ug/L		02/06/26 13:46	02/10/26 21:24	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		02/06/26 13:46	02/10/26 21:24	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		02/06/26 13:46	02/10/26 21:24	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		02/06/26 13:46	02/10/26 21:24	1
Hexachloroethane	ND		10.1	0.535	ug/L		02/06/26 13:46	02/10/26 21:24	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 21:24	1
Isophorone	ND		10.1	0.808	ug/L		02/06/26 13:46	02/10/26 21:24	1
Naphthalene	ND		10.1	0.758	ug/L		02/06/26 13:46	02/10/26 21:24	1
Nitrobenzene	ND		10.1	0.606	ug/L		02/06/26 13:46	02/10/26 21:24	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		02/06/26 13:46	02/10/26 21:24	1

Client Sample ID: 823-SW-5

Date Collected: 02/03/26 13:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		02/06/26 13:46	02/10/26 21:24	1
Pentachlorophenol	ND		10.1	2.83	ug/L		02/06/26 13:46	02/10/26 21:24	1
Phenanthrene	ND		10.1	0.747	ug/L		02/06/26 13:46	02/10/26 21:24	1
Phenol	ND		10.1	0.687	ug/L		02/06/26 13:46	02/10/26 21:24	1
Pyrene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/10/26 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 150*	*02/06/26 13:46*	*02/10/26 21:24*	*1*
2-Fluorobiphenyl (Surr)	*67*		*25 - 139*	*02/06/26 13:46*	*02/10/26 21:24*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*02/06/26 13:46*	*02/10/26 21:24*	*1*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*	*02/06/26 13:46*	*02/10/26 21:24*	*1*
Phenol-d5 (Surr)	*61*		*10 - 150*	*02/06/26 13:46*	*02/10/26 21:24*	*1*
Terphenyl-d14 (Surr)	*73*		*28 - 150*	*02/06/26 13:46*	*02/10/26 21:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:33	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:33	1
Barium	**123**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:33	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:33	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:33	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:33	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:33	1
Copper	**3.64**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:33	1
Lead	**0.952**	**J**	1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:33	1
Manganese	**136**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:33	1
Nickel	**2.36**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:33	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:33	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:33	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:33	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:33	1
Zinc	**108**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 15:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.786**		0.0500	0.0200	mg/L			02/11/26 11:11	1
Nitrite as N (EPA 353.2)	**0.0802**	**J**	0.100	0.0168	mg/L			02/04/26 17:14	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.591**		0.200	0.0200	mg/L			02/06/26 15:03	2
Nitrate as N (SM Nitrate by calc)	**0.511**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**51.4**		10.0	2.80	mg/L			02/07/26 17:49	2

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-6
Date Collected: 02/03/26 12:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.34**	**J**	10.0	4.04	ug/L			02/08/26 01:17	1
Benzene	ND		1.00	0.200	ug/L			02/08/26 01:17	1
Bromobenzene	ND		1.00	0.222	ug/L			02/08/26 01:17	1
Bromoform	ND		1.00	0.458	ug/L			02/08/26 01:17	1
Bromomethane	ND		1.00	0.470	ug/L			02/08/26 01:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/08/26 01:17	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/08/26 01:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/08/26 01:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/08/26 01:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/08/26 01:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/08/26 01:17	1
Chloroethane	ND		1.00	0.374	ug/L			02/08/26 01:17	1
Chloroform	ND		1.00	0.216	ug/L			02/08/26 01:17	1
Chloromethane	ND		1.00	0.371	ug/L			02/08/26 01:17	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/08/26 01:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/08/26 01:17	1
cis-1,2-Dichloroethene	**4.48**		1.00	0.227	ug/L			02/08/26 01:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/08/26 01:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/08/26 01:17	1
Dibromomethane	ND		1.00	0.318	ug/L			02/08/26 01:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 01:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/08/26 01:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/08/26 01:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/08/26 01:17	1
1,1-Dichloroethane	**0.367**	**J**	1.00	0.214	ug/L			02/08/26 01:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/08/26 01:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/08/26 01:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/08/26 01:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/08/26 01:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/08/26 01:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/08/26 01:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/08/26 01:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/08/26 01:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/08/26 01:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/08/26 01:17	1
Hexane	ND		10.0	3.63	ug/L			02/08/26 01:17	1
2-Hexanone	ND		10.0	3.47	ug/L			02/08/26 01:17	1
Iodomethane	ND		2.00	0.403	ug/L			02/08/26 01:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/08/26 01:17	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/08/26 01:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/08/26 01:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/08/26 01:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/08/26 01:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/08/26 01:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/08/26 01:17	1
Naphthalene	ND		2.00	1.56	ug/L			02/08/26 01:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/08/26 01:17	1
n-Heptane	ND		10.0	3.05	ug/L			02/08/26 01:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/08/26 01:17	1

Client Sample ID: 823-SW-6
Date Collected: 02/03/26 12:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/08/26 01:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/08/26 01:17	1
Styrene	ND		1.00	0.194	ug/L			02/08/26 01:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/08/26 01:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/08/26 01:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/08/26 01:17	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/08/26 01:17	1
Toluene	**0.241**	**J**	1.00	0.197	ug/L			02/08/26 01:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/08/26 01:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/08/26 01:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/08/26 01:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/08/26 01:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/08/26 01:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/08/26 01:17	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/08/26 01:17	1
Trichloroethene	**0.510**	**J**	1.00	0.211	ug/L			02/09/26 18:34	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/08/26 01:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/08/26 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.62**	**J**	5.00	0.270	ug/L			02/09/26 18:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/08/26 01:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/08/26 01:17	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/08/26 01:17	1
Vinyl chloride	**0.596**	**J**	1.00	0.304	ug/L			02/08/26 01:17	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/08/26 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*70 - 126*		*02/08/26 01:17*	*1*
4-Bromofluorobenzene	*88*		*70 - 126*		*02/09/26 18:34*	*1*
Dibromofluoromethane	*110*		*77 - 121*		*02/08/26 01:17*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/09/26 18:34*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/08/26 01:17*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/09/26 18:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.303	0.303	ug/L		02/06/26 13:46	02/10/26 21:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*62*		*40 - 150*	*02/06/26 13:46*	*02/10/26 21:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		02/06/26 13:46	02/10/26 21:54	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		02/06/26 13:46	02/10/26 21:54	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-6
Date Collected: 02/03/26 12:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10.1	0.384	ug/L		02/06/26 13:46	02/10/26 21:54	1
2-Chlorophenol	ND		10.1	0.848	ug/L		02/06/26 13:46	02/10/26 21:54	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		02/06/26 13:46	02/10/26 21:54	1
2-Methylphenol	ND		10.1	0.768	ug/L		02/06/26 13:46	02/10/26 21:54	1
2-Nitroaniline	ND		10.1	1.38	ug/L		02/06/26 13:46	02/10/26 21:54	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/06/26 13:46	02/10/26 21:54	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		02/06/26 13:46	02/10/26 21:54	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		02/06/26 13:46	02/10/26 21:54	1
3-Nitroaniline	ND		10.1	0.960	ug/L		02/06/26 13:46	02/10/26 21:54	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		02/06/26 13:46	02/10/26 21:54	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/06/26 13:46	02/10/26 21:54	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		02/06/26 13:46	02/10/26 21:54	1
4-Chloroaniline	ND		10.1	0.586	ug/L		02/06/26 13:46	02/10/26 21:54	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 21:54	1
4-Nitroaniline	ND		10.1	3.54	ug/L		02/06/26 13:46	02/10/26 21:54	1
4-Nitrophenol	ND		10.1	2.77	ug/L		02/06/26 13:46	02/10/26 21:54	1
Acenaphthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/10/26 21:54	1
Acenaphthylene	ND		10.1	0.768	ug/L		02/06/26 13:46	02/10/26 21:54	1
Acetophenone	ND		10.1	3.23	ug/L		02/06/26 13:46	02/10/26 21:54	1
Anthracene	ND		10.1	0.919	ug/L		02/06/26 13:46	02/10/26 21:54	1
Atrazine	ND		10.1	1.14	ug/L		02/06/26 13:46	02/10/26 21:54	1
Benzaldehyde	ND		10.1	0.677	ug/L		02/06/26 13:46	02/10/26 21:54	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/06/26 13:46	02/10/26 21:54	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 21:54	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 21:54	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/10/26 21:54	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/10/26 21:54	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		02/06/26 13:46	02/10/26 21:54	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		02/06/26 13:46	02/10/26 21:54	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		02/06/26 13:46	02/10/26 21:54	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:54	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:54	1
Caprolactam	ND		10.1	2.42	ug/L		02/06/26 13:46	02/10/26 21:54	1
Carbazole	ND		10.1	0.323	ug/L		02/06/26 13:46	02/10/26 21:54	1
Chrysene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 21:54	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/06/26 13:46	02/10/26 21:54	1
Dibenzofuran	ND		10.1	0.646	ug/L		02/06/26 13:46	02/10/26 21:54	1
Diethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:54	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:54	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		02/06/26 13:46	02/10/26 21:54	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/10/26 21:54	1
Fluoranthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/10/26 21:54	1
Fluorene	ND		10.1	0.677	ug/L		02/06/26 13:46	02/10/26 21:54	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		02/06/26 13:46	02/10/26 21:54	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		02/06/26 13:46	02/10/26 21:54	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		02/06/26 13:46	02/10/26 21:54	1
Hexachloroethane	ND		10.1	0.535	ug/L		02/06/26 13:46	02/10/26 21:54	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 21:54	1
Isophorone	ND		10.1	0.808	ug/L		02/06/26 13:46	02/10/26 21:54	1

Client Sample ID: 823-SW-6

Date Collected: 02/03/26 12:15
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10.1	0.758	ug/L		02/06/26 13:46	02/10/26 21:54	1
Nitrobenzene	ND		10.1	0.606	ug/L		02/06/26 13:46	02/10/26 21:54	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		02/06/26 13:46	02/10/26 21:54	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		02/06/26 13:46	02/10/26 21:54	1
Pentachlorophenol	ND		10.1	2.83	ug/L		02/06/26 13:46	02/10/26 21:54	1
Phenanthrene	ND		10.1	0.747	ug/L		02/06/26 13:46	02/10/26 21:54	1
Phenol	ND		10.1	0.687	ug/L		02/06/26 13:46	02/10/26 21:54	1
Pyrene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/10/26 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*02/06/26 13:46*	*02/10/26 21:54*	*1*
2-Fluorobiphenyl (Surr)	*61*		*25 - 139*	*02/06/26 13:46*	*02/10/26 21:54*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 150*	*02/06/26 13:46*	*02/10/26 21:54*	*1*
Nitrobenzene-d5 (Surr)	*67*		*22 - 150*	*02/06/26 13:46*	*02/10/26 21:54*	*1*
Phenol-d5 (Surr)	*60*		*10 - 150*	*02/06/26 13:46*	*02/10/26 21:54*	*1*
Terphenyl-d14 (Surr)	*68*		*28 - 150*	*02/06/26 13:46*	*02/10/26 21:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:35	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:35	1
Barium	**118**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:35	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:35	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:35	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:35	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:35	1
Copper	**4.27**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:35	1
Lead	**2.20**		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:35	1
Manganese	**145**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:35	1
Nickel	**5.87**		5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:35	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:35	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:35	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:35	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:35	1
Zinc	**132**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.800**		0.0500	0.0200	mg/L			02/11/26 11:13	1
Nitrite as N (EPA 353.2)	**0.0885**	**J**	0.100	0.0168	mg/L			02/04/26 17:17	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.605**		0.200	0.0200	mg/L			02/06/26 15:04	2
Nitrate as N (SM Nitrate by calc)	**0.517**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**53.9**		10.0	2.80	mg/L			02/07/26 17:50	2

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-7
Date Collected: 02/03/26 11:30
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**6.38**	**J**	10.0	4.04	ug/L			02/07/26 11:57	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 11:57	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 11:57	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 11:57	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 11:57	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 11:57	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 11:57	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 11:57	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 11:57	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 11:57	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 11:57	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 11:57	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 11:57	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 11:57	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 11:57	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 11:57	1
cis-1,2-Dichloroethene	**4.63**		1.00	0.227	ug/L			02/07/26 11:57	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 11:57	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 11:57	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 11:57	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 11:57	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 11:57	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 11:57	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 11:57	1
1,1-Dichloroethane	**0.335**	**J**	1.00	0.214	ug/L			02/07/26 11:57	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 11:57	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 11:57	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 11:57	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 11:57	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 11:57	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 11:57	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 11:57	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 11:57	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 11:57	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 11:57	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 11:57	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 11:57	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 11:57	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 11:57	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 11:57	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 11:57	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 11:57	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 11:57	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 11:57	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 11:57	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 11:57	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 11:57	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 11:57	1

Client Sample ID: 823-SW-7

Date Collected: 02/03/26 11:30
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 11:57	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 11:57	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 11:57	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 11:57	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 11:57	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 11:57	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 11:57	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 11:57	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 11:57	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 11:57	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 11:57	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 11:57	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 11:57	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 11:57	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 11:57	1
Trichloroethene	**0.608**	**J**	1.00	0.211	ug/L			02/07/26 11:57	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 11:57	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.59**	**J**	5.00	0.270	ug/L			02/07/26 11:57	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 11:57	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 11:57	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 11:57	1
Vinyl chloride	**0.649**	**J**	1.00	0.304	ug/L			02/07/26 11:57	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 11:57*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/07/26 11:57*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/07/26 11:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.302	0.302	ug/L		02/06/26 13:46	02/10/26 22:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*40 - 150*	*02/06/26 13:46*	*02/10/26 22:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.423	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,4,5-Trichlorophenol	ND		10.1	0.544	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,4-Dichlorophenol	ND		10.1	0.574	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,4-Dinitrophenol	ND		30.2	4.71	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,4-Dinitrotoluene	ND		10.1	0.654	ug/L		02/06/26 13:46	02/10/26 22:24	1
2,6-Dinitrotoluene	ND		10.1	0.292	ug/L		02/06/26 13:46	02/10/26 22:24	1
2-Chloronaphthalene	ND		10.1	0.383	ug/L		02/06/26 13:46	02/10/26 22:24	1
2-Chlorophenol	ND		10.1	0.846	ug/L		02/06/26 13:46	02/10/26 22:24	1
2-Methylnaphthalene	ND		10.1	0.815	ug/L		02/06/26 13:46	02/10/26 22:24	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-7
Date Collected: 02/03/26 11:30
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.765	ug/L		02/06/26 13:46	02/10/26 22:24	1
2-Nitroaniline	ND		10.1	1.38	ug/L		02/06/26 13:46	02/10/26 22:24	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/06/26 13:46	02/10/26 22:24	1
3 & 4 Methylphenol	ND		20.1	4.63	ug/L		02/06/26 13:46	02/10/26 22:24	1
3,3'-Dichlorobenzidine	ND		11.1	0.413	ug/L		02/06/26 13:46	02/10/26 22:24	1
3-Nitroaniline	ND		10.1	0.956	ug/L		02/06/26 13:46	02/10/26 22:24	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.98	ug/L		02/06/26 13:46	02/10/26 22:24	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/06/26 13:46	02/10/26 22:24	1
4-Chloro-3-methylphenol	ND		10.1	0.735	ug/L		02/06/26 13:46	02/10/26 22:24	1
4-Chloroaniline	ND		10.1	0.584	ug/L		02/06/26 13:46	02/10/26 22:24	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/06/26 13:46	02/10/26 22:24	1
4-Nitroaniline	ND		10.1	3.52	ug/L		02/06/26 13:46	02/10/26 22:24	1
4-Nitrophenol	ND		10.1	2.76	ug/L		02/06/26 13:46	02/10/26 22:24	1
Acenaphthene	ND		10.1	0.634	ug/L		02/06/26 13:46	02/10/26 22:24	1
Acenaphthylene	ND		10.1	0.765	ug/L		02/06/26 13:46	02/10/26 22:24	1
Acetophenone	ND		10.1	3.22	ug/L		02/06/26 13:46	02/10/26 22:24	1
Anthracene	ND		10.1	0.916	ug/L		02/06/26 13:46	02/10/26 22:24	1
Atrazine	ND		10.1	1.14	ug/L		02/06/26 13:46	02/10/26 22:24	1
Benzaldehyde	ND		10.1	0.674	ug/L		02/06/26 13:46	02/10/26 22:24	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/06/26 13:46	02/10/26 22:24	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 22:24	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 22:24	1
Benzo[g,h,i]perylene	ND		10.1	1.51	ug/L		02/06/26 13:46	02/10/26 22:24	1
Benzo[k]fluoranthene	ND		10.1	1.51	ug/L		02/06/26 13:46	02/10/26 22:24	1
bis (2-chloroisopropyl) ether	ND		10.1	0.936	ug/L		02/06/26 13:46	02/10/26 22:24	1
Bis(2-chloroethoxy)methane	ND		10.1	0.342	ug/L		02/06/26 13:46	02/10/26 22:24	1
Bis(2-chloroethyl)ether	ND		10.1	0.735	ug/L		02/06/26 13:46	02/10/26 22:24	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 22:24	1
Butyl benzyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 22:24	1
Caprolactam	ND		10.1	2.42	ug/L		02/06/26 13:46	02/10/26 22:24	1
Carbazole	ND		10.1	0.322	ug/L		02/06/26 13:46	02/10/26 22:24	1
Chrysene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/10/26 22:24	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/06/26 13:46	02/10/26 22:24	1
Dibenzofuran	ND		10.1	0.644	ug/L		02/06/26 13:46	02/10/26 22:24	1
Diethyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 22:24	1
Dimethyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 22:24	1
Di-n-butyl phthalate	ND		10.1	8.24	ug/L		02/06/26 13:46	02/10/26 22:24	1
Di-n-octyl phthalate	ND		10.1	4.03	ug/L		02/06/26 13:46	02/10/26 22:24	1
Fluoranthene	ND		10.1	0.634	ug/L		02/06/26 13:46	02/10/26 22:24	1
Fluorene	ND		10.1	0.674	ug/L		02/06/26 13:46	02/10/26 22:24	1
Hexachlorobenzene	ND		10.1	0.252	ug/L		02/06/26 13:46	02/10/26 22:24	1
Hexachlorobutadiene	ND		10.1	0.554	ug/L		02/06/26 13:46	02/10/26 22:24	1
Hexachlorocyclopentadiene	ND		20.1	0.322	ug/L		02/06/26 13:46	02/10/26 22:24	1
Hexachloroethane	ND		10.1	0.534	ug/L		02/06/26 13:46	02/10/26 22:24	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/10/26 22:24	1
Isophorone	ND		10.1	0.805	ug/L		02/06/26 13:46	02/10/26 22:24	1
Naphthalene	ND		10.1	0.755	ug/L		02/06/26 13:46	02/10/26 22:24	1
Nitrobenzene	ND		10.1	0.604	ug/L		02/06/26 13:46	02/10/26 22:24	1
N-Nitrosodi-n-propylamine	ND		10.1	0.332	ug/L		02/06/26 13:46	02/10/26 22:24	1

Client Sample ID: 823-SW-7

Date Collected: 02/03/26 11:30
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.191	ug/L		02/06/26 13:46	02/10/26 22:24	1
Pentachlorophenol	ND		10.1	2.82	ug/L		02/06/26 13:46	02/10/26 22:24	1
Phenanthrene	ND		10.1	0.745	ug/L		02/06/26 13:46	02/10/26 22:24	1
Phenol	ND		10.1	0.685	ug/L		02/06/26 13:46	02/10/26 22:24	1
Pyrene	ND		10.1	0.634	ug/L		02/06/26 13:46	02/10/26 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 150*	*02/06/26 13:46*	*02/10/26 22:24*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/06/26 13:46*	*02/10/26 22:24*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*02/06/26 13:46*	*02/10/26 22:24*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 150*	*02/06/26 13:46*	*02/10/26 22:24*	*1*
Phenol-d5 (Surr)	*61*		*10 - 150*	*02/06/26 13:46*	*02/10/26 22:24*	*1*
Terphenyl-d14 (Surr)	*72*		*28 - 150*	*02/06/26 13:46*	*02/10/26 22:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:38	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:38	1
Barium	**125**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:38	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:38	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:38	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:38	1
Cobalt	**0.641**	**J**	5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:38	1
Copper	**5.90**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:38	1
Lead	**3.34**		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:38	1
Manganese	**181**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:38	1
Nickel	**3.12**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:38	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:38	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:38	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:38	1
Vanadium	**1.61**	**J**	5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:38	1
Zinc	**155**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.798**		0.0500	0.0200	mg/L			02/11/26 11:15	1
Nitrite as N (EPA 353.2)	**0.0911**	**J**	0.100	0.0168	mg/L			02/04/26 17:18	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.605**		0.200	0.0200	mg/L			02/06/26 15:10	2
Nitrate as N (SM Nitrate by calc)	**0.514**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**53.4**		10.0	2.80	mg/L			02/07/26 17:50	2

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-8

Date Collected: 02/03/26 10:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.26**	**J**	10.0	4.04	ug/L			02/12/26 04:53	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 04:53	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 04:53	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 04:53	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 04:53	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 04:53	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 04:53	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 04:53	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 04:53	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 04:53	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 04:53	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 04:53	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 04:53	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 04:53	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 04:53	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 04:53	1
cis-1,2-Dichloroethene	**4.67**		1.00	0.227	ug/L			02/12/26 04:53	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 04:53	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 04:53	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 04:53	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 04:53	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 04:53	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 04:53	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 04:53	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/12/26 04:53	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 04:53	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 04:53	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 04:53	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 04:53	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 04:53	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 04:53	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 04:53	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 04:53	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 04:53	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 04:53	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 04:53	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 04:53	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 04:53	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 04:53	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 04:53	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 04:53	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 04:53	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 04:53	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 04:53	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 04:53	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 04:53	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 04:53	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 04:53	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 04:53	1

Client Sample ID: 823-SW-8

Date Collected: 02/03/26 10:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 04:53	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 04:53	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 04:53	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 04:53	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 04:53	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 04:53	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 04:53	1
Toluene	**0.208**	**J**	1.00	0.197	ug/L			02/12/26 04:53	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 04:53	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 04:53	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 04:53	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 04:53	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 04:53	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 04:53	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 04:53	1
Trichloroethene	**0.516**	**J**	1.00	0.211	ug/L			02/12/26 04:53	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 04:53	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 04:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.13**	**J**	5.00	0.270	ug/L			02/12/26 04:53	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 04:53	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 04:53	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 04:53	1
Vinyl chloride	**0.654**	**J**	1.00	0.304	ug/L			02/13/26 14:47	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 04:53*	*1*
4-Bromofluorobenzene	*95*		*70 - 126*		*02/13/26 14:47*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/12/26 04:53*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/13/26 14:47*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/12/26 04:53*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/13/26 14:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.590**		0.299	0.299	ug/L		02/06/26 13:46	02/11/26 02:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*40 - 150*	*02/06/26 13:46*	*02/11/26 02:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		02/06/26 13:46	02/11/26 02:51	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		02/06/26 13:46	02/11/26 02:51	1

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-8
Date Collected: 02/03/26 10:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		9.97	0.379	ug/L		02/06/26 13:46	02/11/26 02:51	1
2-Chlorophenol	ND		9.97	0.837	ug/L		02/06/26 13:46	02/11/26 02:51	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		02/06/26 13:46	02/11/26 02:51	1
2-Methylphenol	ND		9.97	0.757	ug/L		02/06/26 13:46	02/11/26 02:51	1
2-Nitroaniline	ND		9.97	1.37	ug/L		02/06/26 13:46	02/11/26 02:51	1
2-Nitrophenol	ND		9.97	1.17	ug/L		02/06/26 13:46	02/11/26 02:51	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		02/06/26 13:46	02/11/26 02:51	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		02/06/26 13:46	02/11/26 02:51	1
3-Nitroaniline	ND		9.97	0.947	ug/L		02/06/26 13:46	02/11/26 02:51	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		02/06/26 13:46	02/11/26 02:51	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		02/06/26 13:46	02/11/26 02:51	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		02/06/26 13:46	02/11/26 02:51	1
4-Chloroaniline	ND		9.97	0.578	ug/L		02/06/26 13:46	02/11/26 02:51	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		02/06/26 13:46	02/11/26 02:51	1
4-Nitroaniline	ND		9.97	3.49	ug/L		02/06/26 13:46	02/11/26 02:51	1
4-Nitrophenol	ND		9.97	2.73	ug/L		02/06/26 13:46	02/11/26 02:51	1
Acenaphthene	ND		9.97	0.628	ug/L		02/06/26 13:46	02/11/26 02:51	1
Acenaphthylene	ND		9.97	0.757	ug/L		02/06/26 13:46	02/11/26 02:51	1
Acetophenone	ND		9.97	3.19	ug/L		02/06/26 13:46	02/11/26 02:51	1
Anthracene	ND		9.97	0.907	ug/L		02/06/26 13:46	02/11/26 02:51	1
Atrazine	ND		9.97	1.13	ug/L		02/06/26 13:46	02/11/26 02:51	1
Benzaldehyde	ND		9.97	0.668	ug/L		02/06/26 13:46	02/11/26 02:51	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		02/06/26 13:46	02/11/26 02:51	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		02/06/26 13:46	02/11/26 02:51	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		02/06/26 13:46	02/11/26 02:51	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		02/06/26 13:46	02/11/26 02:51	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		02/06/26 13:46	02/11/26 02:51	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		02/06/26 13:46	02/11/26 02:51	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		02/06/26 13:46	02/11/26 02:51	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		02/06/26 13:46	02/11/26 02:51	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/11/26 02:51	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/11/26 02:51	1
Caprolactam	**7.46**	**J**	9.97	2.39	ug/L		02/06/26 13:46	02/11/26 02:51	1
Carbazole	ND		9.97	0.319	ug/L		02/06/26 13:46	02/11/26 02:51	1
Chrysene	ND		9.97	1.20	ug/L		02/06/26 13:46	02/11/26 02:51	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		02/06/26 13:46	02/11/26 02:51	1
Dibenzofuran	ND		9.97	0.638	ug/L		02/06/26 13:46	02/11/26 02:51	1
Diethyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/11/26 02:51	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/11/26 02:51	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		02/06/26 13:46	02/11/26 02:51	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		02/06/26 13:46	02/11/26 02:51	1
Fluoranthene	ND		9.97	0.628	ug/L		02/06/26 13:46	02/11/26 02:51	1
Fluorene	ND		9.97	0.668	ug/L		02/06/26 13:46	02/11/26 02:51	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		02/06/26 13:46	02/11/26 02:51	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		02/06/26 13:46	02/11/26 02:51	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		02/06/26 13:46	02/11/26 02:51	1
Hexachloroethane	ND		9.97	0.528	ug/L		02/06/26 13:46	02/11/26 02:51	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		02/06/26 13:46	02/11/26 02:51	1
Isophorone	ND		9.97	0.797	ug/L		02/06/26 13:46	02/11/26 02:51	1

Client Sample ID: 823-SW-8
Date Collected: 02/03/26 10:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.97	0.748	ug/L		02/06/26 13:46	02/11/26 02:51	1
Nitrobenzene	ND		9.97	0.598	ug/L		02/06/26 13:46	02/11/26 02:51	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		02/06/26 13:46	02/11/26 02:51	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		02/06/26 13:46	02/11/26 02:51	1
Pentachlorophenol	ND		9.97	2.79	ug/L		02/06/26 13:46	02/11/26 02:51	1
Phenanthrene	ND		9.97	0.738	ug/L		02/06/26 13:46	02/11/26 02:51	1
Phenol	ND		9.97	0.678	ug/L		02/06/26 13:46	02/11/26 02:51	1
Pyrene	ND		9.97	0.628	ug/L		02/06/26 13:46	02/11/26 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*02/06/26 13:46*	*02/11/26 02:51*	*1*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*	*02/06/26 13:46*	*02/11/26 02:51*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*02/06/26 13:46*	*02/11/26 02:51*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*	*02/06/26 13:46*	*02/11/26 02:51*	*1*
Phenol-d5 (Surr)	*52*		*10 - 150*	*02/06/26 13:46*	*02/11/26 02:51*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*02/06/26 13:46*	*02/11/26 02:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 21:41	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 21:41	1
Barium	**125**		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 21:41	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 21:41	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 21:41	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 21:41	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 21:41	1
Copper	**4.01**		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 21:41	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 21:41	1
Manganese	**142**		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 21:41	1
Nickel	**2.46**	**J**	5.00	0.422	ug/L		02/05/26 12:50	02/09/26 21:41	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 21:41	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 21:41	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 21:41	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 21:41	1
Zinc	**133**		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 21:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.839**		0.0500	0.0200	mg/L			02/11/26 11:20	1
Nitrite as N (EPA 353.2)	**0.0894**	**J**	0.100	0.0168	mg/L			02/04/26 17:19	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.622**		0.200	0.0200	mg/L			02/06/26 15:12	2
Nitrate as N (SM Nitrate by calc)	**0.533**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**54.5**		10.0	2.80	mg/L			02/07/26 17:51	2

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-9

Date Collected: 02/03/26 10:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.21**	**J**	10.0	4.04	ug/L			02/07/26 21:07	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 21:07	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 21:07	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 21:07	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 21:07	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 21:07	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 21:07	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 21:07	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 21:07	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 21:07	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 21:07	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 21:07	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 21:07	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 21:07	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 21:07	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 21:07	1
cis-1,2-Dichloroethene	**4.97**		1.00	0.227	ug/L			02/07/26 21:07	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 21:07	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 21:07	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 21:07	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 21:07	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 21:07	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 21:07	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 21:07	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 21:07	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 21:07	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 21:07	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 21:07	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 21:07	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 21:07	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 21:07	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 21:07	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 21:07	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 21:07	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 21:07	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 21:07	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 21:07	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 21:07	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 21:07	1
Isopropyl ether	ND	*-	5.00	2.84	ug/L			02/07/26 21:07	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 21:07	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 21:07	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 21:07	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 21:07	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 21:07	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 21:07	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 21:07	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 21:07	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 21:07	1

Client Sample ID: 823-SW-9

Date Collected: 02/03/26 10:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 21:07	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 21:07	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 21:07	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 21:07	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 21:07	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 21:07	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 21:07	1
Toluene	**0.250**	**J**	1.00	0.197	ug/L			02/07/26 21:07	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 21:07	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 21:07	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 21:07	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 21:07	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 21:07	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 21:07	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 21:07	1
Trichloroethene	**0.673**	**J**	1.00	0.211	ug/L			02/09/26 18:09	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 21:07	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.69**	**J**	5.00	0.270	ug/L			02/09/26 18:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 21:07	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 21:07	1
Vinyl acetate	ND	*-	10.0	2.64	ug/L			02/07/26 21:07	1
Vinyl chloride	**0.715**	**J**	1.00	0.304	ug/L			02/07/26 21:07	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 21:07*	*1*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/09/26 18:09*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 21:07*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/09/26 18:09*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 21:07*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/09/26 18:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.698**		0.303	0.303	ug/L		02/06/26 13:46	02/11/26 03:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*63*		*40 - 150*	*02/06/26 13:46*	*02/11/26 03:21*	*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		02/06/26 13:46	02/11/26 03:21	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		02/06/26 13:46	02/11/26 03:21	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/06/26 13:46	02/11/26 03:21	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		02/06/26 13:46	02/11/26 03:21	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/06/26 13:46	02/11/26 03:21	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		02/06/26 13:46	02/11/26 03:21	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		02/06/26 13:46	02/11/26 03:21	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		02/06/26 13:46	02/11/26 03:21	1

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-9
Lab Sample ID: 752-41544-9
Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10.1	0.384	ug/L		02/06/26 13:46	02/11/26 03:21	1
2-Chlorophenol	ND		10.1	0.848	ug/L		02/06/26 13:46	02/11/26 03:21	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		02/06/26 13:46	02/11/26 03:21	1
2-Methylphenol	ND		10.1	0.768	ug/L		02/06/26 13:46	02/11/26 03:21	1
2-Nitroaniline	ND		10.1	1.38	ug/L		02/06/26 13:46	02/11/26 03:21	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/06/26 13:46	02/11/26 03:21	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		02/06/26 13:46	02/11/26 03:21	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		02/06/26 13:46	02/11/26 03:21	1
3-Nitroaniline	ND		10.1	0.960	ug/L		02/06/26 13:46	02/11/26 03:21	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		02/06/26 13:46	02/11/26 03:21	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/06/26 13:46	02/11/26 03:21	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		02/06/26 13:46	02/11/26 03:21	1
4-Chloroaniline	ND		10.1	0.586	ug/L		02/06/26 13:46	02/11/26 03:21	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/06/26 13:46	02/11/26 03:21	1
4-Nitroaniline	ND		10.1	3.54	ug/L		02/06/26 13:46	02/11/26 03:21	1
4-Nitrophenol	ND		10.1	2.77	ug/L		02/06/26 13:46	02/11/26 03:21	1
Acenaphthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/11/26 03:21	1
Acenaphthylene	ND		10.1	0.768	ug/L		02/06/26 13:46	02/11/26 03:21	1
Acetophenone	ND		10.1	3.23	ug/L		02/06/26 13:46	02/11/26 03:21	1
Anthracene	ND		10.1	0.919	ug/L		02/06/26 13:46	02/11/26 03:21	1
Atrazine	ND		10.1	1.14	ug/L		02/06/26 13:46	02/11/26 03:21	1
Benzaldehyde	ND		10.1	0.677	ug/L		02/06/26 13:46	02/11/26 03:21	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/06/26 13:46	02/11/26 03:21	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/11/26 03:21	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/11/26 03:21	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/11/26 03:21	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/11/26 03:21	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		02/06/26 13:46	02/11/26 03:21	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		02/06/26 13:46	02/11/26 03:21	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		02/06/26 13:46	02/11/26 03:21	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:21	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:21	1
Caprolactam	**7.22**	**J**	10.1	2.42	ug/L		02/06/26 13:46	02/11/26 03:21	1
Carbazole	ND		10.1	0.323	ug/L		02/06/26 13:46	02/11/26 03:21	1
Chrysene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/11/26 03:21	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/06/26 13:46	02/11/26 03:21	1
Dibenzofuran	ND		10.1	0.646	ug/L		02/06/26 13:46	02/11/26 03:21	1
Diethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:21	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:21	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		02/06/26 13:46	02/11/26 03:21	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:21	1
Fluoranthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/11/26 03:21	1
Fluorene	ND		10.1	0.677	ug/L		02/06/26 13:46	02/11/26 03:21	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		02/06/26 13:46	02/11/26 03:21	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		02/06/26 13:46	02/11/26 03:21	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		02/06/26 13:46	02/11/26 03:21	1
Hexachloroethane	ND		10.1	0.535	ug/L		02/06/26 13:46	02/11/26 03:21	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/11/26 03:21	1
Isophorone	ND		10.1	0.808	ug/L		02/06/26 13:46	02/11/26 03:21	1

Client Sample ID: 823-SW-9
Date Collected: 02/03/26 10:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10.1	0.758	ug/L		02/06/26 13:46	02/11/26 03:21	1
Nitrobenzene	ND		10.1	0.606	ug/L		02/06/26 13:46	02/11/26 03:21	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		02/06/26 13:46	02/11/26 03:21	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		02/06/26 13:46	02/11/26 03:21	1
Pentachlorophenol	ND		10.1	2.83	ug/L		02/06/26 13:46	02/11/26 03:21	1
Phenanthrene	ND		10.1	0.747	ug/L		02/06/26 13:46	02/11/26 03:21	1
Phenol	ND		10.1	0.687	ug/L		02/06/26 13:46	02/11/26 03:21	1
Pyrene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/11/26 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 150*	*02/06/26 13:46*	*02/11/26 03:21*	*1*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*	*02/06/26 13:46*	*02/11/26 03:21*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*02/06/26 13:46*	*02/11/26 03:21*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 150*	*02/06/26 13:46*	*02/11/26 03:21*	*1*
Phenol-d5 (Surr)	*56*		*10 - 150*	*02/06/26 13:46*	*02/11/26 03:21*	*1*
Terphenyl-d14 (Surr)	*66*		*28 - 150*	*02/06/26 13:46*	*02/11/26 03:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:20	02/11/26 03:18	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:20	02/11/26 03:18	1
Barium	**117**		10.0	0.410	ug/L		02/05/26 12:20	02/11/26 03:18	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:20	02/11/26 03:18	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:20	02/11/26 03:18	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:20	02/11/26 03:18	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:20	02/11/26 03:18	1
Copper	**3.84**		2.00	0.642	ug/L		02/05/26 12:20	02/11/26 03:18	1
Lead	**1.01**		1.00	0.864	ug/L		02/05/26 12:20	02/11/26 03:18	1
Manganese	**130**		5.00	1.29	ug/L		02/05/26 12:20	02/11/26 03:18	1
Nickel	**2.23**	**J**	5.00	0.422	ug/L		02/05/26 12:20	02/11/26 03:18	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:20	02/11/26 03:18	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:20	02/11/26 03:18	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:20	02/11/26 03:18	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:20	02/11/26 03:18	1
Zinc	**125**		10.0	8.91	ug/L		02/05/26 12:20	02/11/26 03:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.843**		0.0500	0.0200	mg/L			02/11/26 11:25	1
Nitrite as N (EPA 353.2)	**0.0931**	**J**	0.100	0.0168	mg/L			02/04/26 17:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.636**		0.200	0.0200	mg/L			02/06/26 15:14	2
Nitrate as N (SM Nitrate by calc)	**0.543**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**53.4**		10.0	2.80	mg/L			02/07/26 17:51	2

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-Dup

Date Collected: 02/03/26 00:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.34**	**J**	10.0	4.04	ug/L			02/12/26 05:17	1
Benzene	ND		1.00	0.200	ug/L			02/12/26 05:17	1
Bromobenzene	ND		1.00	0.222	ug/L			02/12/26 05:17	1
Bromoform	ND		1.00	0.458	ug/L			02/12/26 05:17	1
Bromomethane	ND		1.00	0.470	ug/L			02/12/26 05:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/12/26 05:17	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/12/26 05:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/12/26 05:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/12/26 05:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/12/26 05:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/12/26 05:17	1
Chloroethane	ND		1.00	0.374	ug/L			02/12/26 05:17	1
Chloroform	ND		1.00	0.216	ug/L			02/12/26 05:17	1
Chloromethane	ND		1.00	0.371	ug/L			02/12/26 05:17	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/12/26 05:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/12/26 05:17	1
cis-1,2-Dichloroethene	**4.26**		1.00	0.227	ug/L			02/12/26 05:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/12/26 05:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/12/26 05:17	1
Dibromomethane	ND		1.00	0.318	ug/L			02/12/26 05:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 05:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/12/26 05:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/12/26 05:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/12/26 05:17	1
1,1-Dichloroethane	**0.248**	**J**	1.00	0.214	ug/L			02/12/26 05:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/12/26 05:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/12/26 05:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/12/26 05:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/12/26 05:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/12/26 05:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/12/26 05:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/12/26 05:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/12/26 05:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/12/26 05:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/12/26 05:17	1
Hexane	ND		10.0	3.63	ug/L			02/12/26 05:17	1
2-Hexanone	ND		10.0	3.47	ug/L			02/12/26 05:17	1
Iodomethane	ND		2.00	0.403	ug/L			02/12/26 05:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/12/26 05:17	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/12/26 05:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/12/26 05:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/12/26 05:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/12/26 05:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/12/26 05:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/12/26 05:17	1
Naphthalene	ND		2.00	1.56	ug/L			02/12/26 05:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/12/26 05:17	1
n-Heptane	ND		10.0	3.05	ug/L			02/12/26 05:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/12/26 05:17	1

Client Sample ID: 823-SW-Dup
Date Collected: 02/03/26 00:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/12/26 05:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/12/26 05:17	1
Styrene	ND		1.00	0.194	ug/L			02/12/26 05:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/12/26 05:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/12/26 05:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/12/26 05:17	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/12/26 05:17	1
Toluene	ND		1.00	0.197	ug/L			02/12/26 05:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/12/26 05:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/12/26 05:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/12/26 05:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/12/26 05:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/12/26 05:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/12/26 05:17	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/12/26 05:17	1
Trichloroethene	**0.478**	**J**	1.00	0.211	ug/L			02/12/26 05:17	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/12/26 05:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/12/26 05:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.98**	**J**	5.00	0.270	ug/L			02/12/26 05:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/12/26 05:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/12/26 05:17	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/12/26 05:17	1
Vinyl chloride	**0.708**	**J**	1.00	0.304	ug/L			02/13/26 14:22	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/12/26 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/12/26 05:17*	*1*
4-Bromofluorobenzene	*102*		*70 - 126*		*02/13/26 14:22*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/12/26 05:17*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*02/13/26 14:22*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/12/26 05:17*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/13/26 14:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.608**		0.303	0.303	ug/L		02/06/26 13:46	02/11/26 03:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*67*		*40 - 150*	*02/06/26 13:46*	*02/11/26 03:50*	*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		10.1	0.424	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		02/06/26 13:46	02/11/26 03:50	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		02/06/26 13:46	02/11/26 03:50	1

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-41544-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10.1	0.384	ug/L		02/06/26 13:46	02/11/26 03:50	1
2-Chlorophenol	ND		10.1	0.848	ug/L		02/06/26 13:46	02/11/26 03:50	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		02/06/26 13:46	02/11/26 03:50	1
2-Methylphenol	ND		10.1	0.768	ug/L		02/06/26 13:46	02/11/26 03:50	1
2-Nitroaniline	ND		10.1	1.38	ug/L		02/06/26 13:46	02/11/26 03:50	1
2-Nitrophenol	ND		10.1	1.18	ug/L		02/06/26 13:46	02/11/26 03:50	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		02/06/26 13:46	02/11/26 03:50	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		02/06/26 13:46	02/11/26 03:50	1
3-Nitroaniline	ND		10.1	0.960	ug/L		02/06/26 13:46	02/11/26 03:50	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		02/06/26 13:46	02/11/26 03:50	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		02/06/26 13:46	02/11/26 03:50	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		02/06/26 13:46	02/11/26 03:50	1
4-Chloroaniline	ND		10.1	0.586	ug/L		02/06/26 13:46	02/11/26 03:50	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		02/06/26 13:46	02/11/26 03:50	1
4-Nitroaniline	ND		10.1	3.54	ug/L		02/06/26 13:46	02/11/26 03:50	1
4-Nitrophenol	ND		10.1	2.77	ug/L		02/06/26 13:46	02/11/26 03:50	1
Acenaphthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/11/26 03:50	1
Acenaphthylene	ND		10.1	0.768	ug/L		02/06/26 13:46	02/11/26 03:50	1
Acetophenone	ND		10.1	3.23	ug/L		02/06/26 13:46	02/11/26 03:50	1
Anthracene	ND		10.1	0.919	ug/L		02/06/26 13:46	02/11/26 03:50	1
Atrazine	ND		10.1	1.14	ug/L		02/06/26 13:46	02/11/26 03:50	1
Benzaldehyde	ND		10.1	0.677	ug/L		02/06/26 13:46	02/11/26 03:50	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		02/06/26 13:46	02/11/26 03:50	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/11/26 03:50	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/11/26 03:50	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/11/26 03:50	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		02/06/26 13:46	02/11/26 03:50	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		02/06/26 13:46	02/11/26 03:50	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		02/06/26 13:46	02/11/26 03:50	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		02/06/26 13:46	02/11/26 03:50	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:50	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:50	1
Caprolactam	ND		10.1	2.42	ug/L		02/06/26 13:46	02/11/26 03:50	1
Carbazole	ND		10.1	0.323	ug/L		02/06/26 13:46	02/11/26 03:50	1
Chrysene	ND		10.1	1.21	ug/L		02/06/26 13:46	02/11/26 03:50	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		02/06/26 13:46	02/11/26 03:50	1
Dibenzofuran	ND		10.1	0.646	ug/L		02/06/26 13:46	02/11/26 03:50	1
Diethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:50	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:50	1
Di-n-butyl phthalate	**8.36**	**J**	10.1	8.27	ug/L		02/06/26 13:46	02/11/26 03:50	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		02/06/26 13:46	02/11/26 03:50	1
Fluoranthene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/11/26 03:50	1
Fluorene	ND		10.1	0.677	ug/L		02/06/26 13:46	02/11/26 03:50	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		02/06/26 13:46	02/11/26 03:50	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		02/06/26 13:46	02/11/26 03:50	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		02/06/26 13:46	02/11/26 03:50	1
Hexachloroethane	ND		10.1	0.535	ug/L		02/06/26 13:46	02/11/26 03:50	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		02/06/26 13:46	02/11/26 03:50	1
Isophorone	ND		10.1	0.808	ug/L		02/06/26 13:46	02/11/26 03:50	1

Client Sample ID: 823-SW-Dup

Date Collected: 02/03/26 00:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10.1	0.758	ug/L		02/06/26 13:46	02/11/26 03:50	1
Nitrobenzene	ND		10.1	0.606	ug/L		02/06/26 13:46	02/11/26 03:50	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		02/06/26 13:46	02/11/26 03:50	1
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		02/06/26 13:46	02/11/26 03:50	1
Pentachlorophenol	ND		10.1	2.83	ug/L		02/06/26 13:46	02/11/26 03:50	1
Phenanthrene	ND		10.1	0.747	ug/L		02/06/26 13:46	02/11/26 03:50	1
Phenol	ND		10.1	0.687	ug/L		02/06/26 13:46	02/11/26 03:50	1
Pyrene	ND		10.1	0.636	ug/L		02/06/26 13:46	02/11/26 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*02/06/26 13:46*	*02/11/26 03:50*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*02/06/26 13:46*	*02/11/26 03:50*	*1*
2-Fluorophenol (Surr)	*74*		*10 - 150*	*02/06/26 13:46*	*02/11/26 03:50*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*02/06/26 13:46*	*02/11/26 03:50*	*1*
Phenol-d5 (Surr)	*63*		*10 - 150*	*02/06/26 13:46*	*02/11/26 03:50*	*1*
Terphenyl-d14 (Surr)	*73*		*28 - 150*	*02/06/26 13:46*	*02/11/26 03:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:20	02/11/26 03:24	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:20	02/11/26 03:24	1
Barium	**115**		10.0	0.410	ug/L		02/05/26 12:20	02/11/26 03:24	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:20	02/11/26 03:24	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:20	02/11/26 03:24	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:20	02/11/26 03:24	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:20	02/11/26 03:24	1
Copper	**3.74**		2.00	0.642	ug/L		02/05/26 12:20	02/11/26 03:24	1
Lead	**0.974**	**J**	1.00	0.864	ug/L		02/05/26 12:20	02/11/26 03:24	1
Manganese	**135**		5.00	1.29	ug/L		02/05/26 12:20	02/11/26 03:24	1
Nickel	**2.35**	**J**	5.00	0.422	ug/L		02/05/26 12:20	02/11/26 03:24	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:20	02/11/26 03:24	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:20	02/11/26 03:24	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:20	02/11/26 03:24	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:20	02/11/26 03:24	1
Zinc	**115**		10.0	8.91	ug/L		02/05/26 12:20	02/11/26 03:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 16:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.787**		0.0500	0.0200	mg/L			02/11/26 11:27	1
Nitrite as N (EPA 353.2)	**0.0875**	**J**	0.100	0.0168	mg/L			02/04/26 17:21	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.622**		0.200	0.0200	mg/L			02/06/26 15:15	2
Nitrate as N (SM Nitrate by calc)	**0.535**		0.100	0.0100	mg/L			02/11/26 12:48	1
Sulfate (SM 4500 SO4 E)	**53.3**		10.0	2.80	mg/L			02/07/26 17:52	2

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: Trip Blank
Lab Sample ID: 752-41544-11

Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/11/26 22:04	1
Benzene	ND		1.00	0.200	ug/L			02/11/26 22:04	1
Bromobenzene	ND		1.00	0.222	ug/L			02/11/26 22:04	1
Bromoform	ND		1.00	0.458	ug/L			02/11/26 22:04	1
Bromomethane	ND		1.00	0.470	ug/L			02/11/26 22:04	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/11/26 22:04	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/11/26 22:04	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/11/26 22:04	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/11/26 22:04	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/11/26 22:04	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/11/26 22:04	1
Chloroethane	ND		1.00	0.374	ug/L			02/11/26 22:04	1
Chloroform	ND		1.00	0.216	ug/L			02/11/26 22:04	1
Chloromethane	ND		1.00	0.371	ug/L			02/11/26 22:04	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/11/26 22:04	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/11/26 22:04	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/11/26 22:04	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/11/26 22:04	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/11/26 22:04	1
Dibromomethane	ND		1.00	0.318	ug/L			02/11/26 22:04	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 22:04	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/11/26 22:04	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 22:04	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/11/26 22:04	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/11/26 22:04	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/11/26 22:04	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/11/26 22:04	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/11/26 22:04	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/11/26 22:04	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/11/26 22:04	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/11/26 22:04	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/11/26 22:04	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/11/26 22:04	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/11/26 22:04	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/11/26 22:04	1
Hexane	ND		10.0	3.63	ug/L			02/11/26 22:04	1
2-Hexanone	ND		10.0	3.47	ug/L			02/11/26 22:04	1
Iodomethane	ND		2.00	0.403	ug/L			02/11/26 22:04	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/11/26 22:04	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/11/26 22:04	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/11/26 22:04	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/11/26 22:04	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/11/26 22:04	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/11/26 22:04	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/11/26 22:04	1
Naphthalene	ND		2.00	1.56	ug/L			02/11/26 22:04	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/11/26 22:04	1
n-Heptane	ND		10.0	3.05	ug/L			02/11/26 22:04	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/11/26 22:04	1

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

Job ID: 752-41544-1

Client Sample ID: Trip Blank

Date Collected: 02/03/26 10:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/11/26 22:04	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/11/26 22:04	1
Styrene	ND		1.00	0.194	ug/L			02/11/26 22:04	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/11/26 22:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/11/26 22:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/11/26 22:04	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/11/26 22:04	1
Toluene	ND		1.00	0.197	ug/L			02/11/26 22:04	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/11/26 22:04	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/11/26 22:04	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/11/26 22:04	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/11/26 22:04	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/11/26 22:04	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/11/26 22:04	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/11/26 22:04	1
Trichloroethene	ND		1.00	0.211	ug/L			02/11/26 22:04	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/11/26 22:04	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/11/26 22:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/11/26 22:04	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/11/26 22:04	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/11/26 22:04	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/11/26 22:04	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/11/26 22:04	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/11/26 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 126*		*02/11/26 22:04*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*02/11/26 22:04*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/11/26 22:04*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41544-1
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)
752-41544-1	823-SW-1	89	110	99
752-41544-2	823-SW-2	97	103	100
752-41544-3	823-SW-3	88	111	100
752-41544-4	823-SW-4	89	112	100
752-41544-5	823-SW-5	97	101	100
752-41544-6	823-SW-6	87	110	100
752-41544-6	823-SW-6	88	109	98
752-41544-7	823-SW-7	89	112	101
752-41544-8	823-SW-8	97	104	100
752-41544-8	823-SW-8	95	109	100
752-41544-9	823-SW-9	89	111	100
752-41544-9	823-SW-9	89	111	100
752-41544-10	823-SW-Dup	97	103	99
752-41544-10	823-SW-Dup	102	106	101
752-41544-11	Trip Blank	97	103	100
LCS 705-112647/1003	Lab Control Sample	86	103	94
LCS 705-112647/1004	Lab Control Sample	101	101	98
LCS 705-112666/1003	Lab Control Sample	84	103	94
LCS 705-112666/1004	Lab Control Sample	103	101	98
LCS 705-112832/1002	Lab Control Sample	83	101	93
LCS 705-112832/1003	Lab Control Sample	101	98	98
LCS 705-113640/1001	Lab Control Sample	98	103	97
LCS 705-113640/1002	Lab Control Sample	98	103	101
MB 705-112647/9	Method Blank	89	109	100
MB 705-112666/9	Method Blank	89	111	98
MB 705-112832/7	Method Blank	90	108	100
MB 705-113640/5	Method Blank	98	104	100
MB 705-114032/7	Method Blank	94	109	101

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)
752-41544-1	823-SW-1	63	57	66	66	58	53
752-41544-2	823-SW-2	73	62	80	69	69	57
752-41544-3	823-SW-3	73	64	73	71	65	74
752-41544-4	823-SW-4	65	63	67	68	57	70
752-41544-5	823-SW-5	77	67	73	75	61	73
752-41544-6	823-SW-6	72	61	70	67	60	68
752-41544-7	823-SW-7	79	64	73	71	61	72
752-41544-8	823-SW-8	82	63	67	76	52	66
752-41544-9	823-SW-9	69	63	67	70	56	66
752-41544-10	823-SW-Dup	80	70	74	78	63	73

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41544-1
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)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)		
LCS 400-738619/2-A	Lab Control Sample	76	58	51	73	45	58		
MB 400-738619/1-A	Method Blank	74	62	58	74	46	62		

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: 752-41544-1
Project/Site: East End Park, Durham, NC

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID	(40-150)							
752-41544-1	823-SW-1	73							
752-41544-2	823-SW-2	76							
752-41544-3	823-SW-3	66							
752-41544-4	823-SW-4	64							
752-41544-5	823-SW-5	67							
752-41544-6	823-SW-6	62							
752-41544-7	823-SW-7	63							
752-41544-8	823-SW-8	63							
752-41544-9	823-SW-9	63							
752-41544-10	823-SW-Dup	67							

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID	(40-150)							
LCS 400-738619/2-A	Lab Control Sample	63							

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID								
MB 400-738619/1-A	Method Blank	79							

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Job ID: 752-41544-1

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

Lab Sample ID: MB 705-112647/9
Matrix: Water
Analysis Batch: 112647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 03:11	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 03:11	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 03:11	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 03:11	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 03:11	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 03:11	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 03:11	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 03:11	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 03:11	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 03:11	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 03:11	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 03:11	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 03:11	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 03:11	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 03:11	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 03:11	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 03:11	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 03:11	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 03:11	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 03:11	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 03:11	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 03:11	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 03:11	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 03:11	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 03:11	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 03:11	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 03:11	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 03:11	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 03:11	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 03:11	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 03:11	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 03:11	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 03:11	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 03:11	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 03:11	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 03:11	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 03:11	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 03:11	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 03:11	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/07/26 03:11	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 03:11	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 03:11	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 03:11	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 03:11	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 03:11	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 03:11	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 03:11	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 03:11	1

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

Lab Sample ID: MB 705-112647/9
Matrix: Water
Analysis Batch: 112647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 03:11	1
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 03:11	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 03:11	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 03:11	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 03:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 03:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 03:11	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 03:11	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 03:11	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 03:11	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 03:11	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 03:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 03:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 03:11	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 03:11	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 03:11	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 03:11	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 03:11	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 03:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 03:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 03:11	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 03:11	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 03:11	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 03:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 03:11*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/07/26 03:11*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/07/26 03:11*	*1*

Lab Sample ID: LCS 705-112647/1003
Matrix: Water
Analysis Batch: 112647

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	27.17		ug/L		68	25 - 150		
Isopropyl ether			20.0	14.94	*-	ug/L		75	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*94*		*79 - 119*

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

Lab Sample ID: LCS 705-112647/1004
Matrix: Water
Analysis Batch: 112647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	33.01		ug/L		83	62 - 136
Benzene	20.0	20.22		ug/L		101	76 - 122
Bromobenzene	20.0	20.15		ug/L		101	77 - 125
Bromoform	20.0	19.87		ug/L		99	65 - 129
Bromomethane	20.0	25.44		ug/L		127	60 - 138
2-Butanone (MEK)	40.0	33.29		ug/L		83	74 - 131
Carbon disulfide	20.0	20.37		ug/L		102	71 - 122
Carbon tetrachloride	20.0	21.12		ug/L		106	72 - 131
Chlorobenzene	20.0	20.63		ug/L		103	75 - 121
Chlorobromomethane	20.0	21.99		ug/L		110	77 - 120
Chlorodibromomethane	20.0	19.93		ug/L		100	70 - 131
Chloroethane	20.0	19.04		ug/L		95	55 - 138
Chloroform	20.0	19.92		ug/L		100	73 - 121
Chloromethane	20.0	20.24		ug/L		101	57 - 129
2-Chlorotoluene	20.0	19.77		ug/L		99	75 - 123
4-Chlorotoluene	20.0	20.63		ug/L		103	76 - 124
cis-1,2-Dichloroethene	20.0	20.36		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	18.69		ug/L		93	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.68		ug/L		88	64 - 125
Dibromomethane	20.0	19.48		ug/L		97	70 - 130
1,2-Dichlorobenzene	20.0	21.31		ug/L		107	69 - 127
1,3-Dichlorobenzene	20.0	20.70		ug/L		103	68 - 128
1,4-Dichlorobenzene	20.0	20.54		ug/L		103	68 - 126
Dichlorobromomethane	20.0	19.22		ug/L		96	70 - 124
1,1-Dichloroethane	20.0	19.91		ug/L		100	65 - 126
1,2-Dichloroethane	20.0	18.25		ug/L		91	72 - 127
1,1-Dichloroethene	20.0	20.66		ug/L		103	69 - 130
1,2-Dichloropropane	20.0	18.66		ug/L		93	71 - 121
1,3-Dichloropropane	20.0	19.14		ug/L		96	76 - 125
2,2-Dichloropropane	20.0	20.20		ug/L		101	71 - 131
1,1-Dichloropropene	20.0	21.08		ug/L		105	74 - 129
Ethylbenzene	20.0	20.45		ug/L		102	75 - 127
Ethylene Dibromide	20.0	19.79		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	22.13		ug/L		111	65 - 137
Hexane	20.0	18.45		ug/L		92	25 - 150
2-Hexanone	40.0	32.12		ug/L		80	70 - 130
Iodomethane	20.0	24.41		ug/L		122	50 - 150
Isopropylbenzene	20.0	19.87		ug/L		99	76 - 125
4-Isopropyltoluene	20.0	23.79		ug/L		119	78 - 126
Methylene Chloride	20.0	20.31		ug/L		102	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	31.96		ug/L		80	76 - 122
Methyl tert-butyl ether	20.0	18.17		ug/L		91	76 - 123
m-Xylene & p-Xylene	20.0	20.85		ug/L		104	76 - 128
Naphthalene	20.0	19.75		ug/L		99	67 - 129
n-Butylbenzene	20.0	19.23		ug/L		96	71 - 131
n-Heptane	20.0	17.86		ug/L		89	25 - 150
N-Propylbenzene	20.0	19.65		ug/L		98	75 - 127
o-Xylene	20.0	21.00		ug/L		105	78 - 124

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

Lab Sample ID: LCS 705-112647/1004
Matrix: Water
Analysis Batch: 112647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	20.71		ug/L		104	74 - 127
Styrene	20.0	22.03		ug/L		110	71 - 129
tert-Butylbenzene	20.0	20.17		ug/L		101	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.50		ug/L		103	76 - 130
1,1,2,2-Tetrachloroethane	20.0	16.90		ug/L		85	73 - 127
Tetrachloroethene	20.0	21.59		ug/L		108	74 - 129
Toluene	20.0	20.20		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.66		ug/L		83	50 - 150
trans-1,2-Dichloroethene	20.0	20.26		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.15		ug/L		91	59 - 135
1,2,3-Trichlorobenzene	20.0	19.92		ug/L		100	65 - 130
1,2,4-Trichlorobenzene	20.0	18.65		ug/L		93	65 - 131
1,1,1-Trichloroethane	20.0	20.44		ug/L		102	71 - 124
1,1,2-Trichloroethane	20.0	19.32		ug/L		97	69 - 127
Trichloroethene	20.0	20.70		ug/L		104	72 - 129
Trichlorofluoromethane	20.0	21.70		ug/L		108	63 - 142
1,2,3-Trichloropropane	20.0	18.47		ug/L		92	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.25		ug/L		111	74 - 122
1,2,4-Trimethylbenzene	20.0	21.50		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	20.0	20.89		ug/L		104	79 - 124
Vinyl acetate	40.0	31.30		ug/L		78	50 - 150
Vinyl chloride	20.0	20.84		ug/L		104	65 - 132
Xylenes, Total	40.0	41.85		ug/L		105	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-112666/9
Matrix: Water
Analysis Batch: 112666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/07/26 16:07	1
Benzene	ND		1.00	0.200	ug/L			02/07/26 16:07	1
Bromobenzene	ND		1.00	0.222	ug/L			02/07/26 16:07	1
Bromoform	ND		1.00	0.458	ug/L			02/07/26 16:07	1
Bromomethane	ND		1.00	0.470	ug/L			02/07/26 16:07	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/07/26 16:07	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/07/26 16:07	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/07/26 16:07	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/07/26 16:07	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/07/26 16:07	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/07/26 16:07	1
Chloroethane	ND		1.00	0.374	ug/L			02/07/26 16:07	1
Chloroform	ND		1.00	0.216	ug/L			02/07/26 16:07	1
Chloromethane	ND		1.00	0.371	ug/L			02/07/26 16:07	1

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

Lab Sample ID: MB 705-112666/9
Matrix: Water
Analysis Batch: 112666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/07/26 16:07	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/07/26 16:07	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/07/26 16:07	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/07/26 16:07	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/07/26 16:07	1
Dibromomethane	ND		1.00	0.318	ug/L			02/07/26 16:07	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 16:07	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/07/26 16:07	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/07/26 16:07	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/07/26 16:07	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/07/26 16:07	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/07/26 16:07	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/07/26 16:07	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/07/26 16:07	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/07/26 16:07	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/07/26 16:07	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/07/26 16:07	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/07/26 16:07	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/07/26 16:07	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/07/26 16:07	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/07/26 16:07	1
Hexane	ND		10.0	3.63	ug/L			02/07/26 16:07	1
2-Hexanone	ND		10.0	3.47	ug/L			02/07/26 16:07	1
Iodomethane	ND		2.00	0.403	ug/L			02/07/26 16:07	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/07/26 16:07	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/07/26 16:07	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/07/26 16:07	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/07/26 16:07	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/07/26 16:07	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/07/26 16:07	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/07/26 16:07	1
Naphthalene	ND		2.00	1.56	ug/L			02/07/26 16:07	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/07/26 16:07	1
n-Heptane	ND		10.0	3.05	ug/L			02/07/26 16:07	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/07/26 16:07	1
o-Xylene	ND		1.00	0.270	ug/L			02/07/26 16:07	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/07/26 16:07	1
Styrene	ND		1.00	0.194	ug/L			02/07/26 16:07	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/07/26 16:07	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/07/26 16:07	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/07/26 16:07	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/07/26 16:07	1
Toluene	ND		1.00	0.197	ug/L			02/07/26 16:07	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/07/26 16:07	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/07/26 16:07	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/07/26 16:07	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/07/26 16:07	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/07/26 16:07	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/07/26 16:07	1

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

Lab Sample ID: MB 705-112666/9
Matrix: Water
Analysis Batch: 112666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/07/26 16:07	1
Trichloroethene	ND		1.00	0.211	ug/L			02/07/26 16:07	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/07/26 16:07	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/07/26 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/07/26 16:07	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/07/26 16:07	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/07/26 16:07	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/07/26 16:07	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/07/26 16:07	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/07/26 16:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*70 - 126*		*02/07/26 16:07*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/07/26 16:07*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/07/26 16:07*	*1*

Lab Sample ID: LCS 705-112666/1003
Matrix: Water
Analysis Batch: 112666

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	27.46		ug/L		69	25 - 150		
Isopropyl ether			20.0	14.83	*-	ug/L		74	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*84*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*94*		*79 - 119*

Lab Sample ID: LCS 705-112666/1004
Matrix: Water
Analysis Batch: 112666

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	34.54		ug/L		86	62 - 136		
Benzene			20.0	21.99		ug/L		110	76 - 122		
Bromobenzene			20.0	21.13		ug/L		106	77 - 125		
Bromoform			20.0	21.14		ug/L		106	65 - 129		
Bromomethane			20.0	26.84		ug/L		134	60 - 138		
2-Butanone (MEK)			40.0	34.75		ug/L		87	74 - 131		
Carbon disulfide			20.0	21.93		ug/L		110	71 - 122		
Carbon tetrachloride			20.0	23.36		ug/L		117	72 - 131		
Chlorobenzene			20.0	22.29		ug/L		111	75 - 121		
Chlorobromomethane			20.0	22.57		ug/L		113	77 - 120		
Chlorodibromomethane			20.0	21.24		ug/L		106	70 - 131		
Chloroethane			20.0	19.48		ug/L		97	55 - 138		
Chloroform			20.0	21.16		ug/L		106	73 - 121		
Chloromethane			20.0	20.99		ug/L		105	57 - 129		

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

Lab Sample ID: LCS 705-112666/1004
Matrix: Water
Analysis Batch: 112666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	20.0	20.87		ug/L		104	75 - 123
4-Chlorotoluene	20.0	21.60		ug/L		108	76 - 124
cis-1,2-Dichloroethene	20.0	21.31		ug/L		107	76 - 121
cis-1,3-Dichloropropene	20.0	19.37		ug/L		97	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.53		ug/L		88	64 - 125
Dibromomethane	20.0	20.97		ug/L		105	70 - 130
1,2-Dichlorobenzene	20.0	22.15		ug/L		111	69 - 127
1,3-Dichlorobenzene	20.0	21.77		ug/L		109	68 - 128
1,4-Dichlorobenzene	20.0	21.23		ug/L		106	68 - 126
Dichlorobromomethane	20.0	20.66		ug/L		103	70 - 124
1,1-Dichloroethane	20.0	20.27		ug/L		101	65 - 126
1,2-Dichloroethane	20.0	19.49		ug/L		97	72 - 127
1,1-Dichloroethene	20.0	22.69		ug/L		113	69 - 130
1,2-Dichloropropane	20.0	20.44		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	20.16		ug/L		101	76 - 125
2,2-Dichloropropane	20.0	18.20		ug/L		91	71 - 131
1,1-Dichloropropene	20.0	23.91		ug/L		120	74 - 129
Ethylbenzene	20.0	22.08		ug/L		110	75 - 127
Ethylene Dibromide	20.0	20.74		ug/L		104	68 - 133
Hexachlorobutadiene	20.0	23.50		ug/L		118	65 - 137
Hexane	20.0	17.54		ug/L		88	25 - 150
2-Hexanone	40.0	33.59		ug/L		84	70 - 130
Iodomethane	20.0	25.90		ug/L		129	50 - 150
Isopropylbenzene	20.0	21.42		ug/L		107	76 - 125
4-Isopropyltoluene	20.0	25.05		ug/L		125	78 - 126
Methylene Chloride	20.0	21.00		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	32.39		ug/L		81	76 - 122
Methyl tert-butyl ether	20.0	18.69		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	22.96		ug/L		115	76 - 128
Naphthalene	20.0	20.25	E	ug/L		101	67 - 129
n-Butylbenzene	20.0	19.93		ug/L		100	71 - 131
n-Heptane	20.0	15.82		ug/L		79	25 - 150
N-Propylbenzene	20.0	20.83		ug/L		104	75 - 127
o-Xylene	20.0	22.50		ug/L		112	78 - 124
sec-Butylbenzene	20.0	22.30		ug/L		112	74 - 127
Styrene	20.0	23.85		ug/L		119	71 - 129
tert-Butylbenzene	20.0	21.72		ug/L		109	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.16		ug/L		111	76 - 130
1,1,2,2-Tetrachloroethane	20.0	15.83		ug/L		79	73 - 127
Tetrachloroethene	20.0	24.17		ug/L		121	74 - 129
Toluene	20.0	22.11		ug/L		111	74 - 124
trans-1,4-Dichloro-2-butene	20.0	16.52		ug/L		83	50 - 150
trans-1,2-Dichloroethene	20.0	22.08		ug/L		110	74 - 124
trans-1,3-Dichloropropene	20.0	18.39		ug/L		92	59 - 135
1,2,3-Trichlorobenzene	20.0	20.92		ug/L		105	65 - 130
1,2,4-Trichlorobenzene	20.0	19.53		ug/L		98	65 - 131
1,1,1-Trichloroethane	20.0	22.17		ug/L		111	71 - 124
1,1,2-Trichloroethane	20.0	20.27		ug/L		101	69 - 127
Trichloroethene	20.0	24.84		ug/L		124	72 - 129

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

Lab Sample ID: LCS 705-112666/1004
Matrix: Water
Analysis Batch: 112666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	22.73		ug/L		114	63 - 142
1,2,3-Trichloropropane	20.0	18.90		ug/L		94	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.15		ug/L		121	74 - 122
1,2,4-Trimethylbenzene	20.0	22.70		ug/L		113	80 - 123
1,3,5-Trimethylbenzene	20.0	21.98		ug/L		110	79 - 124
Vinyl acetate	40.0	19.07	*-	ug/L		48	50 - 150
Vinyl chloride	20.0	21.88		ug/L		109	65 - 132
Xylenes, Total	40.0	45.46		ug/L		114	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-112832/7
Matrix: Water
Analysis Batch: 112832

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/09/26 14:02	1
Benzene	ND		1.00	0.200	ug/L			02/09/26 14:02	1
Bromobenzene	ND		1.00	0.222	ug/L			02/09/26 14:02	1
Bromoform	ND		1.00	0.458	ug/L			02/09/26 14:02	1
Bromomethane	ND		1.00	0.470	ug/L			02/09/26 14:02	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/09/26 14:02	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/09/26 14:02	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/09/26 14:02	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/09/26 14:02	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/09/26 14:02	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/09/26 14:02	1
Chloroethane	ND		1.00	0.374	ug/L			02/09/26 14:02	1
Chloroform	ND		1.00	0.216	ug/L			02/09/26 14:02	1
Chloromethane	ND		1.00	0.371	ug/L			02/09/26 14:02	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/09/26 14:02	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/09/26 14:02	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/09/26 14:02	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/09/26 14:02	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/09/26 14:02	1
Dibromomethane	ND		1.00	0.318	ug/L			02/09/26 14:02	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/09/26 14:02	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/09/26 14:02	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/09/26 14:02	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/09/26 14:02	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/09/26 14:02	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/09/26 14:02	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/09/26 14:02	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/09/26 14:02	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/09/26 14:02	1

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

Lab Sample ID: MB 705-112832/7
Matrix: Water
Analysis Batch: 112832

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/09/26 14:02	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/09/26 14:02	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/09/26 14:02	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/09/26 14:02	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/09/26 14:02	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/09/26 14:02	1
Hexane	ND		10.0	3.63	ug/L			02/09/26 14:02	1
2-Hexanone	ND		10.0	3.47	ug/L			02/09/26 14:02	1
Iodomethane	ND		2.00	0.403	ug/L			02/09/26 14:02	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/09/26 14:02	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/09/26 14:02	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/09/26 14:02	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/09/26 14:02	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/09/26 14:02	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/09/26 14:02	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/09/26 14:02	1
Naphthalene	ND		2.00	1.56	ug/L			02/09/26 14:02	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/09/26 14:02	1
n-Heptane	ND		10.0	3.05	ug/L			02/09/26 14:02	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/09/26 14:02	1
o-Xylene	ND		1.00	0.270	ug/L			02/09/26 14:02	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/09/26 14:02	1
Styrene	ND		1.00	0.194	ug/L			02/09/26 14:02	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/09/26 14:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/09/26 14:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/09/26 14:02	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/09/26 14:02	1
Toluene	ND		1.00	0.197	ug/L			02/09/26 14:02	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/09/26 14:02	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/09/26 14:02	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/09/26 14:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/09/26 14:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/09/26 14:02	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/09/26 14:02	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/09/26 14:02	1
Trichloroethene	ND		1.00	0.211	ug/L			02/09/26 14:02	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/09/26 14:02	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/09/26 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/09/26 14:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/09/26 14:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/09/26 14:02	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/09/26 14:02	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/09/26 14:02	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/09/26 14:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/09/26 14:02*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*02/09/26 14:02*	*1*

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

Lab Sample ID: MB 705-112832/7
Matrix: Water
Analysis Batch: 112832

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		79 - 119		02/09/26 14:02	1

Lab Sample ID: LCS 705-112832/1002
Matrix: Water
Analysis Batch: 112832

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	24.17		ug/L		60	25 - 150
Isopropyl ether	20.0	12.81	*-	ug/L		64	78 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	83		70 - 126
Dibromofluoromethane	101		77 - 121
Toluene-d8 (Surr)	93		79 - 119

Lab Sample ID: LCS 705-112832/1003
Matrix: Water
Analysis Batch: 112832

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	28.99		ug/L		72	62 - 136
Benzene	20.0	18.21		ug/L		91	76 - 122
Bromobenzene	20.0	18.37		ug/L		92	77 - 125
Bromoform	20.0	19.27		ug/L		96	65 - 129
Bromomethane	20.0	23.16		ug/L		116	60 - 138
2-Butanone (MEK)	40.0	32.14		ug/L		80	74 - 131
Carbon disulfide	20.0	17.07		ug/L		85	71 - 122
Carbon tetrachloride	20.0	19.45		ug/L		97	72 - 131
Chlorobenzene	20.0	19.30		ug/L		97	75 - 121
Chlorobromomethane	20.0	18.71		ug/L		94	77 - 120
Chlorodibromomethane	20.0	18.96		ug/L		95	70 - 131
Chloroethane	20.0	15.58		ug/L		78	55 - 138
Chloroform	20.0	17.02		ug/L		85	73 - 121
Chloromethane	20.0	16.81		ug/L		84	57 - 129
2-Chlorotoluene	20.0	17.83		ug/L		89	75 - 123
4-Chlorotoluene	20.0	18.58		ug/L		93	76 - 124
cis-1,2-Dichloroethene	20.0	17.64		ug/L		88	76 - 121
cis-1,3-Dichloropropene	20.0	17.21		ug/L		86	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	16.26		ug/L		81	64 - 125
Dibromomethane	20.0	17.94		ug/L		90	70 - 130
1,2-Dichlorobenzene	20.0	19.49		ug/L		97	69 - 127
1,3-Dichlorobenzene	20.0	18.87		ug/L		94	68 - 128
1,4-Dichlorobenzene	20.0	18.70		ug/L		93	68 - 126
Dichlorobromomethane	20.0	17.21		ug/L		86	70 - 124
1,1-Dichloroethane	20.0	16.39		ug/L		82	65 - 126
1,2-Dichloroethane	20.0	16.44		ug/L		82	72 - 127
1,1-Dichloroethene	20.0	17.99		ug/L		90	69 - 130
1,2-Dichloropropane	20.0	16.80		ug/L		84	71 - 121

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

Lab Sample ID: LCS 705-112832/1003
Matrix: Water
Analysis Batch: 112832

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	20.0	17.47		ug/L		87	76 - 125
2,2-Dichloropropane	20.0	18.54		ug/L		93	71 - 131
1,1-Dichloropropene	20.0	20.19		ug/L		101	74 - 129
Ethylbenzene	20.0	18.81		ug/L		94	75 - 127
Ethylene Dibromide	20.0	18.86		ug/L		94	68 - 133
Hexachlorobutadiene	20.0	20.80		ug/L		104	65 - 137
Hexane	20.0	17.29		ug/L		86	25 - 150
2-Hexanone	40.0	30.60		ug/L		77	70 - 130
Iodomethane	20.0	19.52		ug/L		98	50 - 150
Isopropylbenzene	20.0	18.26		ug/L		91	76 - 125
4-Isopropyltoluene	20.0	21.73		ug/L		109	78 - 126
Methylene Chloride	20.0	16.89		ug/L		84	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	30.19	*-	ug/L		75	76 - 122
Methyl tert-butyl ether	20.0	16.09		ug/L		80	76 - 123
m-Xylene & p-Xylene	20.0	19.30		ug/L		96	76 - 128
Naphthalene	20.0	18.42		ug/L		92	67 - 129
n-Butylbenzene	20.0	17.54		ug/L		88	71 - 131
n-Heptane	20.0	17.09		ug/L		85	25 - 150
N-Propylbenzene	20.0	18.03		ug/L		90	75 - 127
o-Xylene	20.0	19.03		ug/L		95	78 - 124
sec-Butylbenzene	20.0	18.84		ug/L		94	74 - 127
Styrene	20.0	20.02		ug/L		100	71 - 129
tert-Butylbenzene	20.0	18.74		ug/L		94	72 - 127
1,1,1,2-Tetrachloroethane	20.0	19.49		ug/L		97	76 - 130
1,1,2,2-Tetrachloroethane	20.0	15.88		ug/L		79	73 - 127
Tetrachloroethene	20.0	21.18		ug/L		106	74 - 129
Toluene	20.0	18.38		ug/L		92	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.39		ug/L		87	50 - 150
trans-1,2-Dichloroethene	20.0	17.53		ug/L		88	74 - 124
trans-1,3-Dichloropropene	20.0	16.59		ug/L		83	59 - 135
1,2,3-Trichlorobenzene	20.0	18.26		ug/L		91	65 - 130
1,2,4-Trichlorobenzene	20.0	17.21		ug/L		86	65 - 131
1,1,1-Trichloroethane	20.0	17.71		ug/L		89	71 - 124
1,1,2-Trichloroethane	20.0	17.55		ug/L		88	69 - 127
Trichloroethene	20.0	19.78		ug/L		99	72 - 129
Trichlorofluoromethane	20.0	18.73		ug/L		94	63 - 142
1,2,3-Trichloropropane	20.0	17.37		ug/L		87	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.53		ug/L		103	74 - 122
1,2,4-Trimethylbenzene	20.0	19.52		ug/L		98	80 - 123
1,3,5-Trimethylbenzene	20.0	18.96		ug/L		95	79 - 124
Vinyl acetate	40.0	29.05		ug/L		73	50 - 150
Vinyl chloride	20.0	17.72		ug/L		89	65 - 132
Xylenes, Total	40.0	38.33		ug/L		96	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 126*
Dibromofluoromethane	*98*		*77 - 121*

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

Lab Sample ID: LCS 705-112832/1003
Matrix: Water
Analysis Batch: 112832

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		79 - 119

Lab Sample ID: MB 705-113640/5
Matrix: Water
Analysis Batch: 113640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/11/26 20:52	1
Benzene	ND		1.00	0.200	ug/L			02/11/26 20:52	1
Bromobenzene	ND		1.00	0.222	ug/L			02/11/26 20:52	1
Bromoform	ND		1.00	0.458	ug/L			02/11/26 20:52	1
Bromomethane	ND		1.00	0.470	ug/L			02/11/26 20:52	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/11/26 20:52	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/11/26 20:52	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/11/26 20:52	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/11/26 20:52	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/11/26 20:52	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/11/26 20:52	1
Chloroethane	ND		1.00	0.374	ug/L			02/11/26 20:52	1
Chloroform	ND		1.00	0.216	ug/L			02/11/26 20:52	1
Chloromethane	ND		1.00	0.371	ug/L			02/11/26 20:52	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/11/26 20:52	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/11/26 20:52	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/11/26 20:52	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/11/26 20:52	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/11/26 20:52	1
Dibromomethane	ND		1.00	0.318	ug/L			02/11/26 20:52	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 20:52	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/11/26 20:52	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/11/26 20:52	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/11/26 20:52	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/11/26 20:52	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/11/26 20:52	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/11/26 20:52	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/11/26 20:52	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/11/26 20:52	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/11/26 20:52	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/11/26 20:52	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/11/26 20:52	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/11/26 20:52	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/11/26 20:52	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/11/26 20:52	1
Hexane	ND		10.0	3.63	ug/L			02/11/26 20:52	1
2-Hexanone	ND		10.0	3.47	ug/L			02/11/26 20:52	1
Iodomethane	ND		2.00	0.403	ug/L			02/11/26 20:52	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/11/26 20:52	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/11/26 20:52	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/11/26 20:52	1

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

Lab Sample ID: MB 705-113640/5
Matrix: Water
Analysis Batch: 113640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.00	2.36	ug/L			02/11/26 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/11/26 20:52	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/11/26 20:52	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/11/26 20:52	1
Naphthalene	ND		2.00	1.56	ug/L			02/11/26 20:52	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/11/26 20:52	1
n-Heptane	ND		10.0	3.05	ug/L			02/11/26 20:52	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/11/26 20:52	1
o-Xylene	ND		1.00	0.270	ug/L			02/11/26 20:52	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/11/26 20:52	1
Styrene	ND		1.00	0.194	ug/L			02/11/26 20:52	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/11/26 20:52	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/11/26 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/11/26 20:52	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/11/26 20:52	1
Toluene	ND		1.00	0.197	ug/L			02/11/26 20:52	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/11/26 20:52	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/11/26 20:52	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/11/26 20:52	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/11/26 20:52	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/11/26 20:52	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/11/26 20:52	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/11/26 20:52	1
Trichloroethene	ND		1.00	0.211	ug/L			02/11/26 20:52	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/11/26 20:52	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/11/26 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/11/26 20:52	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/11/26 20:52	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/11/26 20:52	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/11/26 20:52	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/11/26 20:52	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/11/26 20:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 126*		*02/11/26 20:52*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/11/26 20:52*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/11/26 20:52*	*1*

Lab Sample ID: LCS 705-113640/1001
Matrix: Water
Analysis Batch: 113640

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	35.10		ug/L		88	62 - 136
Benzene	20.0	18.80		ug/L		94	76 - 122
Bromobenzene	20.0	20.63		ug/L		103	77 - 125
Bromoform	20.0	20.77		ug/L		104	65 - 129
Bromomethane	20.0	16.26		ug/L		81	60 - 138

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

Lab Sample ID: LCS 705-113640/1001
Matrix: Water
Analysis Batch: 113640

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	38.65		ug/L		97	74 - 131
Carbon disulfide	20.0	16.97		ug/L		85	71 - 122
Carbon tetrachloride	20.0	19.14		ug/L		96	72 - 131
Chlorobenzene	20.0	20.06		ug/L		100	75 - 121
Chlorobromomethane	20.0	19.27		ug/L		96	77 - 120
Chlorodibromomethane	20.0	19.52		ug/L		98	70 - 131
Chloroethane	20.0	18.20		ug/L		91	55 - 138
Chloroform	20.0	18.15		ug/L		91	73 - 121
Chloromethane	20.0	14.82		ug/L		74	57 - 129
2-Chlorotoluene	20.0	19.90		ug/L		99	75 - 123
4-Chlorotoluene	20.0	19.48		ug/L		97	76 - 124
cis-1,2-Dichloroethene	20.0	18.96		ug/L		95	76 - 121
cis-1,3-Dichloropropene	20.0	18.66		ug/L		93	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	19.33		ug/L		97	64 - 125
Dibromomethane	20.0	19.00		ug/L		95	70 - 130
1,2-Dichlorobenzene	20.0	20.56		ug/L		103	69 - 127
1,3-Dichlorobenzene	20.0	20.63		ug/L		103	68 - 128
1,4-Dichlorobenzene	20.0	20.67		ug/L		103	68 - 126
Dichlorobromomethane	20.0	17.64		ug/L		88	70 - 124
1,1-Dichloroethane	20.0	17.55		ug/L		88	65 - 126
1,2-Dichloroethane	20.0	18.50		ug/L		93	72 - 127
1,1-Dichloroethene	20.0	17.59		ug/L		88	69 - 130
1,2-Dichloropropane	20.0	18.46		ug/L		92	71 - 121
1,3-Dichloropropane	20.0	19.29		ug/L		96	76 - 125
2,2-Dichloropropane	20.0	17.75		ug/L		89	71 - 131
1,1-Dichloropropene	20.0	19.73		ug/L		99	74 - 129
Ethylbenzene	20.0	19.26		ug/L		96	75 - 127
Ethylene Dibromide	20.0	19.83		ug/L		99	68 - 133
Hexachlorobutadiene	20.0	21.46		ug/L		107	65 - 137
Hexane	20.0	17.15		ug/L		86	25 - 150
2-Hexanone	40.0	36.99		ug/L		92	70 - 130
Iodomethane	20.0	18.88		ug/L		94	50 - 150
Isopropylbenzene	20.0	18.43		ug/L		92	76 - 125
4-Isopropyltoluene	20.0	19.25		ug/L		96	78 - 126
Methylene Chloride	20.0	17.96		ug/L		90	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	35.05		ug/L		88	76 - 122
Methyl tert-butyl ether	20.0	18.32		ug/L		92	76 - 123
m-Xylene & p-Xylene	20.0	18.96		ug/L		95	76 - 128
Naphthalene	20.0	18.83		ug/L		94	67 - 129
n-Butylbenzene	20.0	18.72		ug/L		94	71 - 131
n-Heptane	20.0	16.25		ug/L		81	25 - 150
N-Propylbenzene	20.0	19.57		ug/L		98	75 - 127
o-Xylene	20.0	18.88		ug/L		94	78 - 124
sec-Butylbenzene	20.0	19.04		ug/L		95	74 - 127
Styrene	20.0	20.89		ug/L		104	71 - 129
tert-Butylbenzene	20.0	20.41		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.04		ug/L		100	76 - 130
1,1,2,2-Tetrachloroethane	20.0	20.41		ug/L		102	73 - 127
Tetrachloroethene	20.0	19.56		ug/L		98	74 - 129

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

Lab Sample ID: LCS 705-113640/1001
Matrix: Water
Analysis Batch: 113640

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	19.06		ug/L		95	74 - 124
trans-1,4-Dichloro-2-butene	20.0	18.45		ug/L		92	50 - 150
trans-1,2-Dichloroethene	20.0	18.06		ug/L		90	74 - 124
trans-1,3-Dichloropropene	20.0	18.92		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	20.0	19.73		ug/L		99	65 - 130
1,2,4-Trichlorobenzene	20.0	20.20		ug/L		101	65 - 131
1,1,1-Trichloroethane	20.0	17.68		ug/L		88	71 - 124
1,1,2-Trichloroethane	20.0	19.80		ug/L		99	69 - 127
Trichloroethene	20.0	19.46		ug/L		97	72 - 129
Trichlorofluoromethane	20.0	19.54		ug/L		98	63 - 142
1,2,3-Trichloropropane	20.0	19.66		ug/L		98	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.91		ug/L		95	74 - 122
1,2,4-Trimethylbenzene	20.0	19.82		ug/L		99	80 - 123
1,3,5-Trimethylbenzene	20.0	24.43		ug/L		122	79 - 124
Vinyl acetate	40.0	33.44		ug/L		84	50 - 150
Vinyl chloride	20.0	15.61		ug/L		78	65 - 132
Xylenes, Total	40.0	37.84		ug/L		95	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

Lab Sample ID: LCS 705-113640/1002
Matrix: Water
Analysis Batch: 113640

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	32.27		ug/L		81	25 - 150
Isopropyl ether	20.0	15.84		ug/L		79	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 126*
Dibromofluoromethane	*103*		*77 - 121*
Toluene-d8 (Surr)	*101*		*79 - 119*

Lab Sample ID: MB 705-114032/7
Matrix: Water
Analysis Batch: 114032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/13/26 12:17	1
Benzene	ND		1.00	0.200	ug/L			02/13/26 12:17	1
Bromobenzene	ND		1.00	0.222	ug/L			02/13/26 12:17	1
Bromoform	ND		1.00	0.458	ug/L			02/13/26 12:17	1
Bromomethane	ND		1.00	0.470	ug/L			02/13/26 12:17	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/13/26 12:17	1

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

Lab Sample ID: MB 705-114032/7
Matrix: Water
Analysis Batch: 114032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		2.00	0.526	ug/L			02/13/26 12:17	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/13/26 12:17	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/13/26 12:17	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/13/26 12:17	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/13/26 12:17	1
Chloroethane	ND		1.00	0.374	ug/L			02/13/26 12:17	1
Chloroform	ND		1.00	0.216	ug/L			02/13/26 12:17	1
Chloromethane	ND		1.00	0.371	ug/L			02/13/26 12:17	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/13/26 12:17	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/13/26 12:17	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/13/26 12:17	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/13/26 12:17	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/13/26 12:17	1
Dibromomethane	ND		1.00	0.318	ug/L			02/13/26 12:17	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/13/26 12:17	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/13/26 12:17	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/13/26 12:17	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/13/26 12:17	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/13/26 12:17	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/13/26 12:17	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/13/26 12:17	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/13/26 12:17	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/13/26 12:17	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/13/26 12:17	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/13/26 12:17	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/13/26 12:17	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/13/26 12:17	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/13/26 12:17	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/13/26 12:17	1
Hexane	ND		10.0	3.63	ug/L			02/13/26 12:17	1
2-Hexanone	ND		10.0	3.47	ug/L			02/13/26 12:17	1
Iodomethane	ND		2.00	0.403	ug/L			02/13/26 12:17	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/13/26 12:17	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/13/26 12:17	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/13/26 12:17	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/13/26 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/13/26 12:17	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/13/26 12:17	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/13/26 12:17	1
Naphthalene	ND		2.00	1.56	ug/L			02/13/26 12:17	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/13/26 12:17	1
n-Heptane	ND		10.0	3.05	ug/L			02/13/26 12:17	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/13/26 12:17	1
o-Xylene	ND		1.00	0.270	ug/L			02/13/26 12:17	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/13/26 12:17	1
Styrene	ND		1.00	0.194	ug/L			02/13/26 12:17	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/13/26 12:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/13/26 12:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/13/26 12:17	1

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

Lab Sample ID: MB 705-114032/7
Matrix: Water
Analysis Batch: 114032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.00	0.193	ug/L			02/13/26 12:17	1
Toluene	ND		1.00	0.197	ug/L			02/13/26 12:17	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/13/26 12:17	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/13/26 12:17	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/13/26 12:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/13/26 12:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/13/26 12:17	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/13/26 12:17	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/13/26 12:17	1
Trichloroethene	ND		1.00	0.211	ug/L			02/13/26 12:17	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/13/26 12:17	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/13/26 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/13/26 12:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/13/26 12:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/13/26 12:17	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/13/26 12:17	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/13/26 12:17	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/13/26 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*02/13/26 12:17*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/13/26 12:17*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/13/26 12:17*	*1*

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

Lab Sample ID: MB 400-738619/1-A
Matrix: Water
Analysis Batch: 738838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		02/06/26 13:45	02/10/26 12:18	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		02/06/26 13:45	02/10/26 12:18	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		02/06/26 13:45	02/10/26 12:18	1
2-Chlorophenol	ND		10.0	0.840	ug/L		02/06/26 13:45	02/10/26 12:18	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		02/06/26 13:45	02/10/26 12:18	1
2-Methylphenol	ND		10.0	0.760	ug/L		02/06/26 13:45	02/10/26 12:18	1
2-Nitroaniline	ND		10.0	1.37	ug/L		02/06/26 13:45	02/10/26 12:18	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/06/26 13:45	02/10/26 12:18	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		02/06/26 13:45	02/10/26 12:18	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		02/06/26 13:45	02/10/26 12:18	1
3-Nitroaniline	ND		10.0	0.950	ug/L		02/06/26 13:45	02/10/26 12:18	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		02/06/26 13:45	02/10/26 12:18	1

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

Lab Sample ID: MB 400-738619/1-A
Matrix: Water
Analysis Batch: 738838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/06/26 13:45	02/10/26 12:18	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		02/06/26 13:45	02/10/26 12:18	1
4-Chloroaniline	ND		10.0	0.580	ug/L		02/06/26 13:45	02/10/26 12:18	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		02/06/26 13:45	02/10/26 12:18	1
4-Nitroaniline	ND		10.0	3.50	ug/L		02/06/26 13:45	02/10/26 12:18	1
4-Nitrophenol	ND		10.0	2.74	ug/L		02/06/26 13:45	02/10/26 12:18	1
Acenaphthene	ND		10.0	0.630	ug/L		02/06/26 13:45	02/10/26 12:18	1
Acenaphthylene	ND		10.0	0.760	ug/L		02/06/26 13:45	02/10/26 12:18	1
Acetophenone	ND		10.0	3.20	ug/L		02/06/26 13:45	02/10/26 12:18	1
Anthracene	ND		10.0	0.910	ug/L		02/06/26 13:45	02/10/26 12:18	1
Atrazine	ND		10.0	1.13	ug/L		02/06/26 13:45	02/10/26 12:18	1
Benzaldehyde	ND		10.0	0.670	ug/L		02/06/26 13:45	02/10/26 12:18	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/06/26 13:45	02/10/26 12:18	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/06/26 13:45	02/10/26 12:18	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/06/26 13:45	02/10/26 12:18	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		02/06/26 13:45	02/10/26 12:18	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		02/06/26 13:45	02/10/26 12:18	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		02/06/26 13:45	02/10/26 12:18	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		02/06/26 13:45	02/10/26 12:18	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		02/06/26 13:45	02/10/26 12:18	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		02/06/26 13:45	02/10/26 12:18	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		02/06/26 13:45	02/10/26 12:18	1
Caprolactam	ND		10.0	2.40	ug/L		02/06/26 13:45	02/10/26 12:18	1
Carbazole	ND		10.0	0.320	ug/L		02/06/26 13:45	02/10/26 12:18	1
Chrysene	ND		10.0	1.20	ug/L		02/06/26 13:45	02/10/26 12:18	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/06/26 13:45	02/10/26 12:18	1
Dibenzofuran	ND		10.0	0.640	ug/L		02/06/26 13:45	02/10/26 12:18	1
Diethyl phthalate	ND		10.0	4.00	ug/L		02/06/26 13:45	02/10/26 12:18	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		02/06/26 13:45	02/10/26 12:18	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		02/06/26 13:45	02/10/26 12:18	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		02/06/26 13:45	02/10/26 12:18	1
Fluoranthene	ND		10.0	0.630	ug/L		02/06/26 13:45	02/10/26 12:18	1
Fluorene	ND		10.0	0.670	ug/L		02/06/26 13:45	02/10/26 12:18	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		02/06/26 13:45	02/10/26 12:18	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		02/06/26 13:45	02/10/26 12:18	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		02/06/26 13:45	02/10/26 12:18	1
Hexachloroethane	ND		10.0	0.530	ug/L		02/06/26 13:45	02/10/26 12:18	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/06/26 13:45	02/10/26 12:18	1
Isophorone	ND		10.0	0.800	ug/L		02/06/26 13:45	02/10/26 12:18	1
Naphthalene	ND		10.0	0.750	ug/L		02/06/26 13:45	02/10/26 12:18	1
Nitrobenzene	ND		10.0	0.600	ug/L		02/06/26 13:45	02/10/26 12:18	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		02/06/26 13:45	02/10/26 12:18	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		02/06/26 13:45	02/10/26 12:18	1
Pentachlorophenol	ND		10.0	2.80	ug/L		02/06/26 13:45	02/10/26 12:18	1
Phenanthrene	ND		10.0	0.740	ug/L		02/06/26 13:45	02/10/26 12:18	1
Phenol	ND		10.0	0.680	ug/L		02/06/26 13:45	02/10/26 12:18	1
Pyrene	ND		10.0	0.630	ug/L		02/06/26 13:45	02/10/26 12:18	1

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

Lab Sample ID: MB 400-738619/1-A
Matrix: Water
Analysis Batch: 738838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738619

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		10 - 150	02/06/26 13:45	02/10/26 12:18	1
2-Fluorobiphenyl (Surr)	62		25 - 139	02/06/26 13:45	02/10/26 12:18	1
2-Fluorophenol (Surr)	58		10 - 150	02/06/26 13:45	02/10/26 12:18	1
Nitrobenzene-d5 (Surr)	74		22 - 150	02/06/26 13:45	02/10/26 12:18	1
Phenol-d5 (Surr)	46		10 - 150	02/06/26 13:45	02/10/26 12:18	1
Terphenyl-d14 (Surr)	62		28 - 150	02/06/26 13:45	02/10/26 12:18	1

Lab Sample ID: LCS 400-738619/2-A
Matrix: Water
Analysis Batch: 738838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.26		ug/L		58	27 - 120
2,4,5-Trichlorophenol	33.3	25.03		ug/L		75	27 - 136
2,4,6-Trichlorophenol	33.3	23.69		ug/L		71	21 - 132
2,4-Dichlorophenol	33.3	23.53		ug/L		71	30 - 125
2,4-Dimethylphenol	33.3	21.92		ug/L		66	10 - 142
2,4-Dinitrophenol	66.7	55.01		ug/L		83	10 - 150
2,4-Dinitrotoluene	33.3	23.23		ug/L		70	30 - 129
2,6-Dinitrotoluene	33.3	22.34		ug/L		67	34 - 132
2-Chloronaphthalene	33.3	18.71		ug/L		56	10 - 150
2-Chlorophenol	33.3	21.28		ug/L		64	28 - 127
2-Methylnaphthalene	33.3	20.37		ug/L		61	24 - 150
2-Methylphenol	33.3	18.90		ug/L		57	11 - 121
2-Nitroaniline	33.3	22.37		ug/L		67	31 - 141
2-Nitrophenol	33.3	24.13		ug/L		72	31 - 142
3 & 4 Methylphenol	33.3	18.03	J	ug/L		54	10 - 150
3,3'-Dichlorobenzidine	66.7	45.79		ug/L		69	10 - 150
3-Nitroaniline	33.3	22.02		ug/L		66	33 - 136
4,6-Dinitro-2-methylphenol	66.7	47.91		ug/L		72	10 - 150
4-Bromophenyl phenyl ether	33.3	19.53		ug/L		59	24 - 120
4-Chloro-3-methylphenol	33.3	22.97		ug/L		69	10 - 137
4-Chloroaniline	33.3	19.86		ug/L		60	10 - 150
4-Chlorophenyl phenyl ether	33.3	20.82		ug/L		62	31 - 110
4-Nitroaniline	33.3	23.15		ug/L		69	37 - 139
4-Nitrophenol	66.7	43.84		ug/L		66	10 - 150
Acenaphthene	33.3	20.44		ug/L		61	29 - 150
Acenaphthylene	33.3	21.42		ug/L		64	30 - 150
Acetophenone	33.3	23.51		ug/L		71	27 - 119
Anthracene	33.3	22.31		ug/L		67	31 - 150
Atrazine	33.3	17.24		ug/L		52	10 - 150
Benzaldehyde	33.3	15.74		ug/L		47	10 - 150
Benzo[a]anthracene	33.3	22.09		ug/L		66	36 - 150
Benzo[a]pyrene	33.3	21.31		ug/L		64	29 - 150
Benzo[b]fluoranthene	33.3	21.24		ug/L		64	32 - 150
Benzo[g,h,i]perylene	33.3	19.95		ug/L		60	28 - 150
Benzo[k]fluoranthene	33.3	20.33		ug/L		61	30 - 150
bis (2-chloroisopropyl) ether	33.3	21.38		ug/L		64	32 - 115

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

Lab Sample ID: LCS 400-738619/2-A
Matrix: Water
Analysis Batch: 738838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	33.3	21.61		ug/L		65	34 - 120
Bis(2-chloroethyl)ether	33.3	20.51		ug/L		62	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	22.45		ug/L		67	24 - 133
Butyl benzyl phthalate	33.3	18.75		ug/L		56	24 - 140
Caprolactam	33.3	21.45		ug/L		64	10 - 150
Carbazole	33.3	21.42		ug/L		64	28 - 123
Chrysene	33.3	20.82		ug/L		62	34 - 150
Dibenz(a,h)anthracene	33.3	20.27		ug/L		61	29 - 150
Dibenzofuran	33.3	20.26		ug/L		61	35 - 110
Diethyl phthalate	33.3	17.23		ug/L		52	31 - 118
Dimethyl phthalate	33.3	16.04		ug/L		48	24 - 125
Di-n-butyl phthalate	33.3	19.24		ug/L		58	30 - 127
Di-n-octyl phthalate	33.3	22.65		ug/L		68	28 - 142
Fluoranthene	33.3	21.35		ug/L		64	30 - 150
Fluorene	33.3	20.60		ug/L		62	30 - 150
Hexachlorobenzene	33.3	19.51		ug/L		59	29 - 113
Hexachlorobutadiene	33.3	14.11		ug/L		42	10 - 117
Hexachlorocyclopentadiene	33.3	14.53	J	ug/L		44	10 - 150
Hexachloroethane	33.3	14.45		ug/L		43	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	19.82		ug/L		59	28 - 150
Isophorone	33.3	23.33		ug/L		70	29 - 125
Naphthalene	33.3	19.28		ug/L		58	27 - 150
Nitrobenzene	33.3	23.71		ug/L		71	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.49		ug/L		64	50 - 134
N-Nitrosodiphenylamine	33.1	21.82		ug/L		66	50 - 132
Pentachlorophenol	66.7	50.55		ug/L		76	14 - 150
Phenanthrene	33.3	21.57		ug/L		65	32 - 150
Phenol	33.3	14.80		ug/L		44	10 - 150
Pyrene	33.3	22.00		ug/L		66	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*63*		*40 - 150*

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 150*
2-Fluorobiphenyl (Surr)	*58*		*25 - 139*
2-Fluorophenol (Surr)	*51*		*10 - 150*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*
Phenol-d5 (Surr)	*45*		*10 - 150*
Terphenyl-d14 (Surr)	*58*		*28 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-112127/1-A
Matrix: Water
Analysis Batch: 112549

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 10:02	02/06/26 02:50	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-112127/1-A
Matrix: Water
Analysis Batch: 112549

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.00	1.32	ug/L		02/05/26 10:02	02/06/26 02:50	1
Barium	ND		10.0	0.410	ug/L		02/05/26 10:02	02/06/26 02:50	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 10:02	02/06/26 02:50	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 10:02	02/06/26 02:50	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 10:02	02/06/26 02:50	1
Cobalt	ND		5.00	0.411	ug/L		02/05/26 10:02	02/06/26 02:50	1
Copper	ND		2.00	0.642	ug/L		02/05/26 10:02	02/06/26 02:50	1
Lead	ND		1.00	0.864	ug/L		02/05/26 10:02	02/06/26 02:50	1
Manganese	ND		5.00	1.29	ug/L		02/05/26 10:02	02/06/26 02:50	1
Nickel	ND		5.00	0.422	ug/L		02/05/26 10:02	02/06/26 02:50	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 10:02	02/06/26 02:50	1
Silver	ND		1.00	0.167	ug/L		02/05/26 10:02	02/06/26 02:50	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 10:02	02/06/26 02:50	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 10:02	02/06/26 02:50	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 10:02	02/06/26 02:50	1

Lab Sample ID: LCS 705-112127/2-A
Matrix: Water
Analysis Batch: 112549

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	85.03		ug/L		85	80 - 120
Arsenic	100	95.94		ug/L		96	80 - 120
Barium	100	88.96		ug/L		89	80 - 120
Beryllium	100	95.47		ug/L		95	80 - 120
Cadmium	100	87.73		ug/L		88	80 - 120
Chromium	100	98.70		ug/L		99	80 - 120
Cobalt	100	102.0		ug/L		102	80 - 120
Copper	100	101.7		ug/L		102	80 - 120
Lead	100	100.8		ug/L		101	80 - 120
Manganese	100	100.2		ug/L		100	80 - 120
Nickel	100	97.76		ug/L		98	80 - 120
Selenium	100	100.6		ug/L		101	80 - 120
Silver	10.0	9.917		ug/L		99	80 - 120
Thallium	100	102.6		ug/L		103	80 - 120
Vanadium	100	97.79		ug/L		98	80 - 120
Zinc	100	96.76		ug/L		97	80 - 120

Lab Sample ID: MB 705-112185/1-A
Matrix: Water
Analysis Batch: 113069

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112185

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/05/26 12:50	02/09/26 19:55	1
Arsenic	ND		5.00	1.32	ug/L		02/05/26 12:50	02/09/26 19:55	1
Barium	ND		10.0	0.410	ug/L		02/05/26 12:50	02/09/26 19:55	1
Beryllium	ND		1.00	0.147	ug/L		02/05/26 12:50	02/09/26 19:55	1
Cadmium	ND		0.700	0.237	ug/L		02/05/26 12:50	02/09/26 19:55	1
Chromium	ND		5.00	3.69	ug/L		02/05/26 12:50	02/09/26 19:55	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-112185/1-A
Matrix: Water
Analysis Batch: 113069

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112185

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		5.00	0.411	ug/L		02/05/26 12:50	02/09/26 19:55	1
Copper	ND		2.00	0.642	ug/L		02/05/26 12:50	02/09/26 19:55	1
Lead	ND		1.00	0.864	ug/L		02/05/26 12:50	02/09/26 19:55	1
Manganese	ND		5.00	1.29	ug/L		02/05/26 12:50	02/09/26 19:55	1
Nickel	ND		5.00	0.422	ug/L		02/05/26 12:50	02/09/26 19:55	1
Selenium	ND		5.00	2.29	ug/L		02/05/26 12:50	02/09/26 19:55	1
Silver	ND		1.00	0.167	ug/L		02/05/26 12:50	02/09/26 19:55	1
Thallium	ND		1.00	0.190	ug/L		02/05/26 12:50	02/09/26 19:55	1
Vanadium	ND		5.00	1.22	ug/L		02/05/26 12:50	02/09/26 19:55	1
Zinc	ND		10.0	8.91	ug/L		02/05/26 12:50	02/09/26 19:55	1

Lab Sample ID: LCS 705-112185/2-A
Matrix: Water
Analysis Batch: 113069

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	95.76		ug/L		96	80 - 120
Arsenic	100	100.1		ug/L		100	80 - 120
Barium	100	96.11		ug/L		96	80 - 120
Beryllium	100	97.14		ug/L		97	80 - 120
Cadmium	100	95.36		ug/L		95	80 - 120
Chromium	100	100.8		ug/L		101	80 - 120
Cobalt	100	101.1		ug/L		101	80 - 120
Copper	100	103.4		ug/L		103	80 - 120
Lead	100	101.0		ug/L		101	80 - 120
Manganese	100	101.0		ug/L		101	80 - 120
Nickel	100	102.9		ug/L		103	80 - 120
Selenium	100	97.63		ug/L		98	80 - 120
Silver	10.0	9.925		ug/L		99	80 - 120
Thallium	100	101.4		ug/L		101	80 - 120
Vanadium	100	99.94		ug/L		100	80 - 120
Zinc	100	99.67		ug/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-112280/1-A
Matrix: Water
Analysis Batch: 112749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/06/26 11:48	02/06/26 15:06	1

Lab Sample ID: LCS 705-112280/2-A
Matrix: Water
Analysis Batch: 112749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.917		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 752-41544-1 MS
Matrix: Water
Analysis Batch: 112749

Client Sample ID: 823-SW-1
Prep Type: Total/NA
Prep Batch: 112280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		4.00	4.017		ug/L		100	75 - 125

Lab Sample ID: 752-41544-1 MSD
Matrix: Water
Analysis Batch: 112749

Client Sample ID: 823-SW-1
Prep Type: Total/NA
Prep Batch: 112280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	3.987		ug/L		100	75 - 125	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14792/13
Matrix: Water
Analysis Batch: 14792

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			02/11/26 10:49	1

Lab Sample ID: LCS 752-14792/14
Matrix: Water
Analysis Batch: 14792

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.038		mg/L		102	90 - 110

Lab Sample ID: 752-41544-8 MS
Matrix: Water
Analysis Batch: 14792

Client Sample ID: 823-SW-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.839		0.395	1.194		mg/L		90	90 - 110

Lab Sample ID: 752-41544-8 MSD
Matrix: Water
Analysis Batch: 14792

Client Sample ID: 823-SW-8
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)	0.839		0.395	1.236		mg/L		100	90 - 110	3	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14775/11
Matrix: Water
Analysis Batch: 14775

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			02/04/26 16:55	1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: LCS 752-14775/14
Matrix: Water
Analysis Batch: 14775

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	0.9497		mg/L		95	90 - 110

Lab Sample ID: LCSD 752-14775/70
Matrix: Water
Analysis Batch: 14775

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	0.9474		mg/L		95	90 - 110	1	10

Lab Sample ID: 752-41544-5 MS
Matrix: Water
Analysis Batch: 14775

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
Nitrite as N	0.0802	J	1.00	1.081		mg/L		100	90 - 110

Lab Sample ID: 752-41544-5 MSD
Matrix: Water
Analysis Batch: 14775

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
Nitrite as N	0.0802	J	1.00	1.081		mg/L		100	90 - 110	0	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-888324/26
Matrix: Water
Analysis Batch: 888324

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			02/06/26 14:37	1

Lab Sample ID: LCS 680-888324/27
Matrix: Water
Analysis Batch: 888324

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	1.008		mg/L		101	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-738689/55
Matrix: Water
Analysis Batch: 738689

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			02/07/26 17:46	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-738689/56
Matrix: Water
Analysis Batch: 738689

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	14.13		mg/L		94	90 - 110		

Lab Sample ID: MRL 400-738689/14
Matrix: Water
Analysis Batch: 738689

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	4.467	J	mg/L		89	50 - 150		

Lab Sample ID: 752-41544-3 MS
Matrix: Water
Analysis Batch: 738689

Client Sample ID: 823-SW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	39.0	F1	10.0	42.16	F1	mg/L		32	77 - 128		

Lab Sample ID: 752-41544-3 MSD
Matrix: Water
Analysis Batch: 738689

Client Sample ID: 823-SW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	39.0	F1	10.0	42.16	F1	mg/L		32	77 - 128	0	5

QC Association Summary

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

Job ID: 752-41544-1

GC/MS VOA

Analysis Batch: 112647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-7	823-SW-7	Total/NA	Water	8260D	
MB 705-112647/9	Method Blank	Total/NA	Water	8260D	
LCS 705-112647/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112647/1004	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 112666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	8260D	
752-41544-3	823-SW-3	Total/NA	Water	8260D	
752-41544-4	823-SW-4	Total/NA	Water	8260D	
752-41544-6	823-SW-6	Total/NA	Water	8260D	
752-41544-9	823-SW-9	Total/NA	Water	8260D	
MB 705-112666/9	Method Blank	Total/NA	Water	8260D	
LCS 705-112666/1003	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112666/1004	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 112832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-6	823-SW-6	Total/NA	Water	8260D	
752-41544-9	823-SW-9	Total/NA	Water	8260D	
MB 705-112832/7	Method Blank	Total/NA	Water	8260D	
LCS 705-112832/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112832/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 113640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-2	823-SW-2	Total/NA	Water	8260D	
752-41544-5	823-SW-5	Total/NA	Water	8260D	
752-41544-8	823-SW-8	Total/NA	Water	8260D	
752-41544-10	823-SW-Dup	Total/NA	Water	8260D	
752-41544-11	Trip Blank	Total/NA	Water	8260D	
MB 705-113640/5	Method Blank	Total/NA	Water	8260D	
LCS 705-113640/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-113640/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 114032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-8	823-SW-8	Total/NA	Water	8260D	
752-41544-10	823-SW-Dup	Total/NA	Water	8260D	
MB 705-114032/7	Method Blank	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 738619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	3511	
752-41544-2	823-SW-2	Total/NA	Water	3511	
752-41544-3	823-SW-3	Total/NA	Water	3511	
752-41544-4	823-SW-4	Total/NA	Water	3511	
752-41544-5	823-SW-5	Total/NA	Water	3511	
752-41544-6	823-SW-6	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 738619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-7	823-SW-7	Total/NA	Water	3511	
752-41544-8	823-SW-8	Total/NA	Water	3511	
752-41544-9	823-SW-9	Total/NA	Water	3511	
752-41544-10	823-SW-Dup	Total/NA	Water	3511	
MB 400-738619/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-738619/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 738838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	8270E	738619
752-41544-2	823-SW-2	Total/NA	Water	8270E	738619
752-41544-3	823-SW-3	Total/NA	Water	8270E	738619
752-41544-4	823-SW-4	Total/NA	Water	8270E	738619
752-41544-5	823-SW-5	Total/NA	Water	8270E	738619
752-41544-6	823-SW-6	Total/NA	Water	8270E	738619
752-41544-7	823-SW-7	Total/NA	Water	8270E	738619
MB 400-738619/1-A	Method Blank	Total/NA	Water	8270E	738619
LCS 400-738619/2-A	Lab Control Sample	Total/NA	Water	8270E	738619

Analysis Batch: 738888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	8270E	738619
752-41544-2	823-SW-2	Total/NA	Water	8270E	738619
752-41544-3	823-SW-3	Total/NA	Water	8270E	738619
752-41544-4	823-SW-4	Total/NA	Water	8270E	738619
752-41544-5	823-SW-5	Total/NA	Water	8270E	738619
752-41544-6	823-SW-6	Total/NA	Water	8270E	738619
752-41544-7	823-SW-7	Total/NA	Water	8270E	738619
MB 400-738619/1-A	Method Blank	Total/NA	Water	8270E	738619
LCS 400-738619/2-A	Lab Control Sample	Total/NA	Water	8270E	738619

Analysis Batch: 738945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-8	823-SW-8	Total/NA	Water	8270E	738619
752-41544-9	823-SW-9	Total/NA	Water	8270E	738619
752-41544-10	823-SW-Dup	Total/NA	Water	8270E	738619

Analysis Batch: 738948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-8	823-SW-8	Total/NA	Water	8270E	738619
752-41544-9	823-SW-9	Total/NA	Water	8270E	738619
752-41544-10	823-SW-Dup	Total/NA	Water	8270E	738619

Metals

Prep Batch: 112127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-9	823-SW-9	Total Recoverable	Water	3005A	
752-41544-10	823-SW-Dup	Total Recoverable	Water	3005A	
MB 705-112127/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-112127/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals

Prep Batch: 112185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total Recoverable	Water	3005A	
752-41544-2	823-SW-2	Total Recoverable	Water	3005A	
752-41544-3	823-SW-3	Total Recoverable	Water	3005A	
752-41544-4	823-SW-4	Total Recoverable	Water	3005A	
752-41544-5	823-SW-5	Total Recoverable	Water	3005A	
752-41544-6	823-SW-6	Total Recoverable	Water	3005A	
752-41544-7	823-SW-7	Total Recoverable	Water	3005A	
752-41544-8	823-SW-8	Total Recoverable	Water	3005A	
MB 705-112185/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-112185/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 112280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	7470A	
752-41544-2	823-SW-2	Total/NA	Water	7470A	
752-41544-3	823-SW-3	Total/NA	Water	7470A	
752-41544-4	823-SW-4	Total/NA	Water	7470A	
752-41544-5	823-SW-5	Total/NA	Water	7470A	
752-41544-6	823-SW-6	Total/NA	Water	7470A	
752-41544-7	823-SW-7	Total/NA	Water	7470A	
752-41544-8	823-SW-8	Total/NA	Water	7470A	
752-41544-9	823-SW-9	Total/NA	Water	7470A	
752-41544-10	823-SW-Dup	Total/NA	Water	7470A	
MB 705-112280/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-112280/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-41544-1 MS	823-SW-1	Total/NA	Water	7470A	
752-41544-1 MSD	823-SW-1	Total/NA	Water	7470A	

Analysis Batch: 112549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-112127/1-A	Method Blank	Total Recoverable	Water	6020B	112127
LCS 705-112127/2-A	Lab Control Sample	Total Recoverable	Water	6020B	112127

Analysis Batch: 112749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	7470A	112280
752-41544-2	823-SW-2	Total/NA	Water	7470A	112280
752-41544-3	823-SW-3	Total/NA	Water	7470A	112280
752-41544-4	823-SW-4	Total/NA	Water	7470A	112280
752-41544-5	823-SW-5	Total/NA	Water	7470A	112280
752-41544-6	823-SW-6	Total/NA	Water	7470A	112280
752-41544-7	823-SW-7	Total/NA	Water	7470A	112280
752-41544-8	823-SW-8	Total/NA	Water	7470A	112280
752-41544-9	823-SW-9	Total/NA	Water	7470A	112280
752-41544-10	823-SW-Dup	Total/NA	Water	7470A	112280
MB 705-112280/1-A	Method Blank	Total/NA	Water	7470A	112280
LCS 705-112280/2-A	Lab Control Sample	Total/NA	Water	7470A	112280
752-41544-1 MS	823-SW-1	Total/NA	Water	7470A	112280
752-41544-1 MSD	823-SW-1	Total/NA	Water	7470A	112280

QC Association Summary

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

Job ID: 752-41544-1

Metals

Analysis Batch: 113069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-2	823-SW-2	Total Recoverable	Water	6020B	112185
752-41544-3	823-SW-3	Total Recoverable	Water	6020B	112185
752-41544-4	823-SW-4	Total Recoverable	Water	6020B	112185
752-41544-5	823-SW-5	Total Recoverable	Water	6020B	112185
752-41544-6	823-SW-6	Total Recoverable	Water	6020B	112185
752-41544-7	823-SW-7	Total Recoverable	Water	6020B	112185
752-41544-8	823-SW-8	Total Recoverable	Water	6020B	112185
MB 705-112185/1-A	Method Blank	Total Recoverable	Water	6020B	112185
LCS 705-112185/2-A	Lab Control Sample	Total Recoverable	Water	6020B	112185

Analysis Batch: 113548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total Recoverable	Water	6020B	112185
752-41544-9	823-SW-9	Total Recoverable	Water	6020B	112127
752-41544-10	823-SW-Dup	Total Recoverable	Water	6020B	112127

General Chemistry

Analysis Batch: 14775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	353.2	
752-41544-2	823-SW-2	Total/NA	Water	353.2	
752-41544-3	823-SW-3	Total/NA	Water	353.2	
752-41544-4	823-SW-4	Total/NA	Water	353.2	
752-41544-5	823-SW-5	Total/NA	Water	353.2	
752-41544-6	823-SW-6	Total/NA	Water	353.2	
752-41544-7	823-SW-7	Total/NA	Water	353.2	
752-41544-8	823-SW-8	Total/NA	Water	353.2	
752-41544-9	823-SW-9	Total/NA	Water	353.2	
752-41544-10	823-SW-Dup	Total/NA	Water	353.2	
MB 752-14775/11	Method Blank	Total/NA	Water	353.2	
LCS 752-14775/14	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14775/70	Lab Control Sample Dup	Total/NA	Water	353.2	
752-41544-5 MS	823-SW-5	Total/NA	Water	353.2	
752-41544-5 MSD	823-SW-5	Total/NA	Water	353.2	

Analysis Batch: 14792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	350.1	
752-41544-2	823-SW-2	Total/NA	Water	350.1	
752-41544-3	823-SW-3	Total/NA	Water	350.1	
752-41544-4	823-SW-4	Total/NA	Water	350.1	
752-41544-5	823-SW-5	Total/NA	Water	350.1	
752-41544-6	823-SW-6	Total/NA	Water	350.1	
752-41544-7	823-SW-7	Total/NA	Water	350.1	
752-41544-8	823-SW-8	Total/NA	Water	350.1	
752-41544-9	823-SW-9	Total/NA	Water	350.1	
752-41544-10	823-SW-Dup	Total/NA	Water	350.1	
MB 752-14792/13	Method Blank	Total/NA	Water	350.1	
LCS 752-14792/14	Lab Control Sample	Total/NA	Water	350.1	
752-41544-8 MS	823-SW-8	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 14792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-8 MSD	823-SW-8	Total/NA	Water	350.1	

Analysis Batch: 738689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	SM 4500 SO4 E	
752-41544-2	823-SW-2	Total/NA	Water	SM 4500 SO4 E	
752-41544-3	823-SW-3	Total/NA	Water	SM 4500 SO4 E	
752-41544-4	823-SW-4	Total/NA	Water	SM 4500 SO4 E	
752-41544-5	823-SW-5	Total/NA	Water	SM 4500 SO4 E	
752-41544-6	823-SW-6	Total/NA	Water	SM 4500 SO4 E	
752-41544-7	823-SW-7	Total/NA	Water	SM 4500 SO4 E	
752-41544-8	823-SW-8	Total/NA	Water	SM 4500 SO4 E	
752-41544-9	823-SW-9	Total/NA	Water	SM 4500 SO4 E	
752-41544-10	823-SW-Dup	Total/NA	Water	SM 4500 SO4 E	
MB 400-738689/55	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-738689/56	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-738689/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-41544-3 MS	823-SW-3	Total/NA	Water	SM 4500 SO4 E	
752-41544-3 MSD	823-SW-3	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 888315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	Nitrate by calc	
752-41544-2	823-SW-2	Total/NA	Water	Nitrate by calc	
752-41544-3	823-SW-3	Total/NA	Water	Nitrate by calc	
752-41544-4	823-SW-4	Total/NA	Water	Nitrate by calc	
752-41544-5	823-SW-5	Total/NA	Water	Nitrate by calc	
752-41544-6	823-SW-6	Total/NA	Water	Nitrate by calc	
752-41544-7	823-SW-7	Total/NA	Water	Nitrate by calc	
752-41544-8	823-SW-8	Total/NA	Water	Nitrate by calc	
752-41544-9	823-SW-9	Total/NA	Water	Nitrate by calc	
752-41544-10	823-SW-Dup	Total/NA	Water	Nitrate by calc	

Analysis Batch: 888324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41544-1	823-SW-1	Total/NA	Water	353.2-1993 R2.0	
752-41544-2	823-SW-2	Total/NA	Water	353.2-1993 R2.0	
752-41544-3	823-SW-3	Total/NA	Water	353.2-1993 R2.0	
752-41544-4	823-SW-4	Total/NA	Water	353.2-1993 R2.0	
752-41544-5	823-SW-5	Total/NA	Water	353.2-1993 R2.0	
752-41544-6	823-SW-6	Total/NA	Water	353.2-1993 R2.0	
752-41544-7	823-SW-7	Total/NA	Water	353.2-1993 R2.0	
752-41544-8	823-SW-8	Total/NA	Water	353.2-1993 R2.0	
752-41544-9	823-SW-9	Total/NA	Water	353.2-1993 R2.0	
752-41544-10	823-SW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-888324/26	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888324/27	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-1
Lab Sample ID: 752-41544-1
Date Collected: 02/03/26 15:45
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 22:22
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 19:24
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 19:24
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113548	IF	EET ATL	02/11/26 03:12
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 15:14
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:04
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:08
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 14:55
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	738689	CJK	EET PEN	02/07/26 17:48

Client Sample ID: 823-SW-2
Lab Sample ID: 752-41544-2
Date Collected: 02/03/26 15:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	113640	Y1S	EET ATL	02/12/26 04:05
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 19:54
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 19:54
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:25
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 15:26
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:06
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:09
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 14:57
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	738689	CJK	EET PEN	02/07/26 17:49

Client Sample ID: 823-SW-3
Lab Sample ID: 752-41544-3
Date Collected: 02/03/26 14:15
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 18:37
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 20:24

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-3
Lab Sample ID: 752-41544-3
Date Collected: 02/03/26 14:15
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 20:24
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:27
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 15:30
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:08
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:10
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 14:59
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	738689	CJK	EET PEN	02/07/26 17:26

Client Sample ID: 823-SW-4
Lab Sample ID: 752-41544-4
Date Collected: 02/03/26 13:45
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 19:02
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 20:54
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 20:54
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:30
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 15:34
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:10
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:11
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:01
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		1	738689	CJK	EET PEN	02/07/26 17:27

Client Sample ID: 823-SW-5
Lab Sample ID: 752-41544-5
Date Collected: 02/03/26 13:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	113640	Y1S	EET ATL	02/12/26 04:29
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 21:24
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 21:24
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:33

Client Sample ID: 823-SW-5
Lab Sample ID: 752-41544-5
Date Collected: 02/03/26 13:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 15:38
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:11
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:14
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:03
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	738689	CJK	EET PEN	02/07/26 17:49

Client Sample ID: 823-SW-6
Lab Sample ID: 752-41544-6
Date Collected: 02/03/26 12:15
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/08/26 01:17
Total/NA	Analysis	8260D		1	112832	UI	EET ATL	02/09/26 18:34
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 21:54
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 21:54
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:35
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 15:42
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:13
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:17
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:04
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	738689	CJK	EET PEN	02/07/26 17:50

Client Sample ID: 823-SW-7
Lab Sample ID: 752-41544-7
Date Collected: 02/03/26 11:30
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112647	Y1S	EET ATL	02/07/26 11:57
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738838	JAW	EET PEN	02/10/26 22:24
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738888	JAW	EET PEN	02/10/26 22:24
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:38
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 16:17

Lab Chronicle

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

Job ID: 752-41544-1

Client Sample ID: 823-SW-7
Date Collected: 02/03/26 11:30
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:15
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:18
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:10
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	738689	CJK	EET PEN	02/07/26 17:50

Client Sample ID: 823-SW-8
Date Collected: 02/03/26 10:45
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	114032	AV	EET ATL	02/13/26 14:47
Total/NA	Analysis	8260D		1	113640	Y1S	EET ATL	02/12/26 04:53
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738945	S1B	EET PEN	02/11/26 02:51
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738948	S1B	EET PEN	02/11/26 02:51
Total Recoverable	Prep	3005A			112185	BR	EET ATL	02/05/26 12:50
Total Recoverable	Analysis	6020B		1	113069	IF	EET ATL	02/09/26 21:41
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 16:28
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:20
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:19
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:12
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	738689	CJK	EET PEN	02/07/26 17:51

Client Sample ID: 823-SW-9
Date Collected: 02/03/26 10:00
Date Received: 02/03/26 16:40

Lab Sample ID: 752-41544-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112666	Y1S	EET ATL	02/07/26 21:07
Total/NA	Analysis	8260D		1	112832	UI	EET ATL	02/09/26 18:09
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738945	S1B	EET PEN	02/11/26 03:21
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738948	S1B	EET PEN	02/11/26 03:21
Total Recoverable	Prep	3005A			112127	BR	EET ATL	02/05/26 12:20
Total Recoverable	Analysis	6020B		1	113548	IF	EET ATL	02/11/26 03:18
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 16:32
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:25

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Client Sample ID: 823-SW-9
Lab Sample ID: 752-41544-9
Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:20
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:14
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	738689	CJK	EET PEN	02/07/26 17:51

Client Sample ID: 823-SW-Dup
Lab Sample ID: 752-41544-10
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	114032	AV	EET ATL	02/13/26 14:22
Total/NA	Analysis	8260D		1	113640	Y1S	EET ATL	02/12/26 05:17
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738945	S1B	EET PEN	02/11/26 03:50
Total/NA	Prep	3511			738619	AMM	EET PEN	02/06/26 13:46
Total/NA	Analysis	8270E		1	738948	S1B	EET PEN	02/11/26 03:50
Total Recoverable	Prep	3005A			112127	BR	EET ATL	02/05/26 12:20
Total Recoverable	Analysis	6020B		1	113548	IF	EET ATL	02/11/26 03:24
Total/NA	Prep	7470A			112280	TR	EET ATL	02/06/26 11:48
Total/NA	Analysis	7470A		1	112749	GR	EET ATL	02/06/26 16:36
Total/NA	Analysis	350.1		1	14792	CB	EET RAL	02/11/26 11:27
Total/NA	Analysis	353.2		1	14775	CB	EET RAL	02/04/26 17:21
Total/NA	Analysis	353.2-1993 R2.0		2	888324	NVF	EET SAV	02/06/26 15:15
Total/NA	Analysis	Nitrate by calc		1	888315	ALG	EET SAV	02/11/26 12:48
Total/NA	Analysis	SM 4500 SO4 E		2	738689	CJK	EET PEN	02/07/26 17:52

Client Sample ID: Trip Blank
Lab Sample ID: 752-41544-11
Date Collected: 02/03/26 10:00
Matrix: Water
Date Received: 02/03/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	113640	Y1S	EET ATL	02/11/26 22:04

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090
EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41544-1
Project/Site: East End Park, Durham, NC

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-26

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-26

Method Summary

Client: S&ME Inc
Job ID: 752-41544-1
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 Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

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

Job ID: 752-41544-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41544-1	823-SW-1	Water	02/03/26 15:45	02/03/26 16:40	North Carolina
752-41544-2	823-SW-2	Water	02/03/26 15:00	02/03/26 16:40	North Carolina
752-41544-3	823-SW-3	Water	02/03/26 14:15	02/03/26 16:40	North Carolina
752-41544-4	823-SW-4	Water	02/03/26 13:45	02/03/26 16:40	North Carolina
752-41544-5	823-SW-5	Water	02/03/26 13:00	02/03/26 16:40	North Carolina
752-41544-6	823-SW-6	Water	02/03/26 12:15	02/03/26 16:40	North Carolina
752-41544-7	823-SW-7	Water	02/03/26 11:30	02/03/26 16:40	North Carolina
752-41544-8	823-SW-8	Water	02/03/26 10:45	02/03/26 16:40	North Carolina
752-41544-9	823-SW-9	Water	02/03/26 10:00	02/03/26 16:40	North Carolina
752-41544-10	823-SW-Dup	Water	02/03/26 00:00	02/03/26 16:40	North Carolina
752-41544-11	Trip Blank	Water	02/03/26 10:00	02/03/26 16:40	North Carolina

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone (919) 467-3090

Chain of Custody Record

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Client Information	Sampler: Brandon Govarro	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170286-59891.1
Client Contact: Jerry Paul	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page:
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BL			
Email: jpaul@smeinc.com	WO #:			
Project Name: [redacted] East End Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-41544 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	360.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
823 - SW-1	2-3-26	1545	G	W	N	N	X	X	X	X	X	X	X	3	
823 - SW-2		1500												13	
823 - SW-3		1415												13	
823 - SW-4		1345												13	
823 - SW-5		1300												13	
823 - SW-6		1215												13	
823 - SW-7		1130												13	
823 - SW-8		1045												13	
823 - SW-9		1000												13	
823 - SW-DUP		-												13	
Trip Blanks															

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: 2/3/26 1630	Company S&ME	Received by:	Date/Time: 02/03/26 @ 1640	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:			Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.0/2.7 DO			

Initial Temperature: 3.5 °C
Correction Factor: -0.3°C
Corrected Temperature: 3.2 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7878 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 #: 752-41544-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/12/2026			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
823-SW-1 (752-41544-1)	2/3/26	15 45 Eastern	G	Water			X	X	X	7	
823-SW-2 (752-41544-2)	2/3/26	15 00 Eastern	G	Water			X	X	X	7	
823-SW-3 (752-41544-3)	2/3/26	14 15 Eastern	G	Water			X	X	X	7	
823-SW-4 (752-41544-4)	2/3/26	13 45 Eastern	G	Water			X	X	X	7	
823-SW-5 (752-41544-5)	2/3/26	13 00 Eastern	G	Water			X	X	X	7	
823-SW-6 (752-41544-6)	2/3/26	12 15 Eastern	G	Water			X	X	X	7	
823-SW-7 (752-41544-7)	2/3/26	11 30 Eastern	G	Water			X	X	X	7	
823-SW-8 (752-41544-8)	2/3/26	10:45 Eastern	G	Water			X	X	X	7	
823-SW-9 (752-41544-9)	2/3/26	10 00 Eastern	G	Water			X	X	X	7	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	2/4/26 1415				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: DM	Date/Time: 02/06/26 1005	Company: ETS

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 0.0°C IR8, 0.8°C IR8, 0.5°C IR8, 2.0°C IR14

Ver 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7878.2
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 #: 752-41544-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/12/2026			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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 OL.M4.2	8270E_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
823-SW-Dup (752-41544-10)	2/3/26	Eastern	G	Water			X	X	X		

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
	BR	2/4/26 1415				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 02/06/26 1005	Company ETETS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:
		0.0°C IR8, 0.8°C IR8, 0.5°C IR8, 2.0°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

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7879 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41544-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/12/2026			
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31405				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 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)	353 2_PresNitrate+Nitrite	Nitrate_CalcNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
823-SW-1 (752-41544-1)	2/3/26	15 45 Eastern	G	Water			X	X	1	
823-SW-2 (752-41544-2)	2/3/26	15 00 Eastern	G	Water			X	X	1	
823-SW-3 (752-41544-3)	2/3/26	14 15 Eastern	G	Water			X	X	1	
823-SW-4 (752-41544-4)	2/3/26	13 45 Eastern	G	Water			X	X	1	
823-SW-5 (752-41544-5)	2/3/26	13 00 Eastern	G	Water			X	X	1	
823-SW-6 (752-41544-6)	2/3/26	12.15 Eastern	G	Water			X	X	1	
823-SW-7 (752-41544-7)	2/3/26	11 30 Eastern	G	Water			X	X	1	
823-SW-8 (752-41544-8)	2/3/26	10 45 Eastern	G	Water			X	X	1	
823-SW-9 (752-41544-9)	2/3/26	10 00 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater Southeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
BR	2/4/26 1415			2/5/26 0930	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 3.0/3.0

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41544-1

Login Number: 41544
List Number: 1
Creator: Yonish, Rachel

List Source: Eurofins Raleigh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41544-1

Login Number: 41544
List Number: 2
Creator: Stephens, Andrena

List Source: Eurofins Atlanta
List Creation: 02/05/26 10:57 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41544-1

Login Number: 41544
List Number: 4
Creator: Pardonner, Brett

List Source: Eurofins Pensacola
List Creation: 02/06/26 12:25 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.8°C 0.5°C IR8 2.0°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41544-1

Login Number: 41544
List Number: 3
Creator: Lincoln, Alyssa

List Source: Eurofins Savannah
List Creation: 02/06/26 10:53 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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/5/2026 3:37:09 PM Revision 1

JOB DESCRIPTION

Durham Parks

JOB NUMBER

650-4850-1

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

See page two for job notes and contact information.

Eurofins Environment Testing Northern California, Air Toxics

Job Notes

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

Authorization

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3/5/2026 3:37:09 PM
Revision 1

Authorized for release by
Story Parker, Project Manager I
story.parker@et.eurofinsus.com
Designee for
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: 650-4850-1

Qualifiers

Air - GC/MS VOA

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

Air - GC VOA

Qualifier	Qualifier Description
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
650-4850-1

Revision
The report being provided is a revision of the original report sent on 2/27/2026. The report (revision 1) is being issued to include the revised COC provided by client on 3/3/26. As a result, a previously reported Receipt Exception has been removed.

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

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

Receipt
The samples were received on 1/29/2026 10:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
The Chain of Custody (COC) information for sample 823-LFGP-6 (650-4850-6) and 823-LFGP-7 (650-4850-7) did not match the information on the canister with regard to canister identification. The sample labeled 6L0945 on the COC is labeled as 6L0698 and 6L1600 on the canister.

Samples arrived at the laboratory in three shipments on 1/29/26, 1/30/26 and 2/2/26. The Chain of Custody (COC) was provided with sample 823-LFGP-6 which was received by the laboratory on 2/2/26. Samples 823-LFGP-3 and 823-LFGP-7 were received on 1/30/26. The remaining samples 823-LFGP-1, 823-LFGP-2, 823-LFGP-4, 823-LFGP-5, 823-LFGP-8, 823-LFGP-9, 823-LFGP-10 and 823-LFGP-DUP subsequently arrived at the laboratory on 1/29/26.

Method Pressurization: Sample 823-LFGP-3 (650-4850-3) was/were received with significant vacuum remaining in the canister (>15"Hg) which has caused elevated reporting limits.

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

Air - GC VOA

Method D1946: The summa canister for samples 823-LFGP-2 (650-4850-2) was initially pressurized to approximately 10psi per project specifications. After multiple analyses were performed, the samples were found to be at ambient pressure at the time of D1946 analysis. The sample canisters were subsequently re-pressurized which resulted in elevated reporting limits for D1946. Analysis proceeded.

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

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

Detection Summary

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-1 — Lab Sample ID: 650-4850-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12		11	3.7	ug/m3	1.865		TO-15	Total/NA
2-Propanol	5.4	J	9.2	3.1	ug/m3	1.865		TO-15	Total/NA
Acetone	34		22	7.4	ug/m3	1.865		TO-15	Total/NA
Ethanol	15	J	18	5.9	ug/m3	1.865		TO-15	Total/NA
Freon 12	1.8	J	4.6	1.6	ug/m3	1.865		TO-15	Total/NA
Tetrachloroethene	45		6.3	2.2	ug/m3	1.865		TO-15	Total/NA
Toluene	9.6		7.0	2.3	ug/m3	1.865		TO-15	Total/NA
Methane	0.00021		0.00019	0.000062	% v/v	1.865		D1946	Total/NA

Client Sample ID: 823-LFGP-2 — Lab Sample ID: 650-4850-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	4.1	J	4.2	1.4	ug/m3	1.806		TO-15	Total/NA
2-Butanone (MEK)	14		11	3.6	ug/m3	1.806		TO-15	Total/NA
2-Propanol	4.4	J	8.9	3.0	ug/m3	1.806		TO-15	Total/NA
Acetone	47		21	7.2	ug/m3	1.806		TO-15	Total/NA
Benzene	2.3	J	2.9	0.98	ug/m3	1.806		TO-15	Total/NA
Cyclohexane	2.9	J	3.1	1.1	ug/m3	1.806		TO-15	Total/NA
Ethanol	30		17	5.7	ug/m3	1.806		TO-15	Total/NA
Freon 11	1.8	J	5.1	1.7	ug/m3	1.806		TO-15	Total/NA
Freon 12	3.7	J	4.5	1.5	ug/m3	1.806		TO-15	Total/NA
Heptane	2.7	J	3.7	1.3	ug/m3	1.806		TO-15	Total/NA
Hexane	8.4		3.2	1.1	ug/m3	1.806		TO-15	Total/NA
Methylene Chloride	13		6.3	2.1	ug/m3	1.806		TO-15	Total/NA
Tetrachloroethene	510		6.1	2.1	ug/m3	1.806		TO-15	Total/NA
Tetrahydrofuran	1.4	J	2.7	0.91	ug/m3	1.806		TO-15	Total/NA
Toluene	15		6.8	2.2	ug/m3	1.806		TO-15	Total/NA
Trichloroethene	2.3	J	4.9	1.6	ug/m3	1.806		TO-15	Total/NA
Methane	0.00021	J	0.00033	0.00011	% v/v	3.323		D1946	Total/NA

Client Sample ID: 823-LFGP-3 — Lab Sample ID: 650-4850-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12	J	17	5.8	ug/m3	2.911		TO-15	Total/NA
Acetone	29	J	35	12	ug/m3	2.911		TO-15	Total/NA
Heptane	66		6.0	2.0	ug/m3	2.911		TO-15	Total/NA
Hexane	300		5.1	1.7	ug/m3	2.911		TO-15	Total/NA
Toluene	17		11	3.6	ug/m3	2.911		TO-15	Total/NA
Methane	0.031		0.00029	0.000096	% v/v	2.911		D1946	Total/NA

Client Sample ID: 823-LFGP-4 — Lab Sample ID: 650-4850-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.6	J	11	3.7	ug/m3	1.865		TO-15	Total/NA
Acetone	15	J	22	7.4	ug/m3	1.865		TO-15	Total/NA
Freon 12	1.9	J	4.6	1.6	ug/m3	1.865		TO-15	Total/NA
Tetrachloroethene	130		6.3	2.2	ug/m3	1.865		TO-15	Total/NA
Toluene	10		7.0	2.3	ug/m3	1.865		TO-15	Total/NA

Client Sample ID: 823-LFGP-5 — Lab Sample ID: 650-4850-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.9	J	4.0	1.4	ug/m3	1.643		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 823-LFGP-5 (Continued) — Lab Sample ID: 650-4850-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	3.2	J	4.0	1.4	ug/m3	1.643		TO-15	Total/NA
2,2,4-Trimethylpentane	33		3.8	1.3	ug/m3	1.643		TO-15	Total/NA
2-Butanone (MEK)	7.1	J	9.7	3.2	ug/m3	1.643		TO-15	Total/NA
Acetone	14	J	20	6.5	ug/m3	1.643		TO-15	Total/NA
Benzene	5.4		2.6	0.89	ug/m3	1.643		TO-15	Total/NA
Chloroethane	3.7	J	8.7	2.9	ug/m3	1.643		TO-15	Total/NA
Cumene	4.0		4.0	1.4	ug/m3	1.643		TO-15	Total/NA
Cyclohexane	99		2.8	0.96	ug/m3	1.643		TO-15	Total/NA
Ethylbenzene	3.9		3.6	1.2	ug/m3	1.643		TO-15	Total/NA
Heptane	19		3.4	1.1	ug/m3	1.643		TO-15	Total/NA
Hexane	63		2.9	0.98	ug/m3	1.643		TO-15	Total/NA
m,p-Xylene	6.9	J	7.1	2.4	ug/m3	1.643		TO-15	Total/NA
o-Xylene	6.3		3.6	1.2	ug/m3	1.643		TO-15	Total/NA
Toluene	12		6.2	2.0	ug/m3	1.643		TO-15	Total/NA
Methane	9.4		0.00016	0.000054	% v/v	1.643		D1946	Total/NA

Client Sample ID: 823-LFGP-6 — Lab Sample ID: 650-4850-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.8	J	9.3	3.1	ug/m3	1.575		TO-15	Total/NA
Acetone	16	J	19	6.2	ug/m3	1.575		TO-15	Total/NA
Freon 113	57		6.0	2.1	ug/m3	1.575		TO-15	Total/NA
Freon 12	1.5	J	3.9	1.3	ug/m3	1.575		TO-15	Total/NA
Toluene	8.5		5.9	2.0	ug/m3	1.575		TO-15	Total/NA
Methane	0.00011	J	0.00016	0.000052	% v/v	1.575		D1946	Total/NA

Client Sample ID: 823-LFGP-7 — Lab Sample ID: 650-4850-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.3	J	10	3.4	ug/m3	1.718		TO-15	Total/NA
Acetone	17	J	20	6.8	ug/m3	1.718		TO-15	Total/NA
Chloroform	4.5		4.2	1.4	ug/m3	1.718		TO-15	Total/NA
Freon 12	1.6	J	4.2	1.4	ug/m3	1.718		TO-15	Total/NA
Tetrachloroethene	5.0	J	5.8	2.0	ug/m3	1.718		TO-15	Total/NA
Toluene	8.5		6.5	2.1	ug/m3	1.718		TO-15	Total/NA

Client Sample ID: 823-LFGP-8 — Lab Sample ID: 650-4850-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	91		3.7	1.2	ug/m3	1.566		TO-15	Total/NA
2-Butanone (MEK)	7.9	J	9.2	3.1	ug/m3	1.566		TO-15	Total/NA
2-Propanol	4.5	J	7.7	2.6	ug/m3	1.566		TO-15	Total/NA
Acetone	17	J	19	6.2	ug/m3	1.566		TO-15	Total/NA
Benzene	7.5		2.5	0.85	ug/m3	1.566		TO-15	Total/NA
Cyclohexane	3.0		2.7	0.92	ug/m3	1.566		TO-15	Total/NA
Freon 113	7.5		6.0	2.0	ug/m3	1.566		TO-15	Total/NA
Heptane	1.9	J	3.2	1.1	ug/m3	1.566		TO-15	Total/NA
Hexane	5.2		2.8	0.94	ug/m3	1.566		TO-15	Total/NA
Toluene	12		5.9	1.9	ug/m3	1.566		TO-15	Total/NA
Methane	1.2		0.00016	0.000052	% v/v	1.566		D1946	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-9 — Lab Sample ID: 650-4850-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.3	J	9.7	3.2	ug/m3	1.643		TO-15	Total/NA
Acetone	15	J	20	6.5	ug/m3	1.643		TO-15	Total/NA
Freon 113	36		6.3	2.1	ug/m3	1.643		TO-15	Total/NA
Freon 12	1.5	J	4.1	1.4	ug/m3	1.643		TO-15	Total/NA
Toluene	8.4		6.2	2.0	ug/m3	1.643		TO-15	Total/NA
Methane	0.000054	J	0.00016	0.000054	% v/v	1.643		D1946	Total/NA

Client Sample ID: 823-LFGP-10 — Lab Sample ID: 650-4850-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.9	J	9.1	3.0	ug/m3	1.537		TO-15	Total/NA
Acetone	16	J	18	6.1	ug/m3	1.537		TO-15	Total/NA
Chloroform	1.8	J	3.8	1.3	ug/m3	1.537		TO-15	Total/NA
Freon 113	26		5.9	2.0	ug/m3	1.537		TO-15	Total/NA
Freon 12	1.5	J	3.8	1.3	ug/m3	1.537		TO-15	Total/NA
Toluene	11		5.8	1.9	ug/m3	1.537		TO-15	Total/NA

Client Sample ID: 823-LFGP-DUP — Lab Sample ID: 650-4850-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.1	J	9.8	3.3	ug/m3	1.653		TO-15	Total/NA
Acetone	18	J	20	6.6	ug/m3	1.653		TO-15	Total/NA
Ethanol	6.8	J	16	5.2	ug/m3	1.653		TO-15	Total/NA
Freon 12	1.9	J	4.1	1.4	ug/m3	1.653		TO-15	Total/NA
Tetrachloroethene	130		5.6	1.9	ug/m3	1.653		TO-15	Total/NA
Toluene	9.2		6.2	2.1	ug/m3	1.653		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: 650-4850-1

Client Sample ID: 823-LFGP-1

Date Collected: 01/22/26 11:13
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	1.7	ug/m3			02/12/26 00:15	1.865
1,1,2,2-Tetrachloroethane	ND		6.4	2.2	ug/m3			02/12/26 00:15	1.865
1,1,2-Trichloroethane	ND		5.1	1.7	ug/m3			02/12/26 00:15	1.865
1,1-Dichloroethane	ND		3.8	1.3	ug/m3			02/12/26 00:15	1.865
1,1-Dichloroethene	ND		3.7	1.3	ug/m3			02/12/26 00:15	1.865
1,2,4-Trichlorobenzene	ND		28	9.3	ug/m3			02/12/26 00:15	1.865
1,2,4-Trimethylbenzene	ND		4.6	1.6	ug/m3			02/12/26 00:15	1.865
1,2-Dibromoethane (EDB)	ND		7.2	2.4	ug/m3			02/12/26 00:15	1.865
1,2-Dichlorobenzene	ND		5.6	1.9	ug/m3			02/12/26 00:15	1.865
1,2-Dichloroethane	ND		3.8	1.3	ug/m3			02/12/26 00:15	1.865
1,2-Dichloropropane	ND		4.3	1.5	ug/m3			02/12/26 00:15	1.865
1,3,5-Trimethylbenzene	ND		4.6	1.6	ug/m3			02/12/26 00:15	1.865
1,3-Butadiene	ND		2.1	0.70	ug/m3			02/12/26 00:15	1.865
1,3-Dichlorobenzene	ND		5.6	1.9	ug/m3			02/12/26 00:15	1.865
1,4-Dichlorobenzene	ND		5.6	1.9	ug/m3			02/12/26 00:15	1.865
1,4-Dioxane	ND		6.7	2.2	ug/m3			02/12/26 00:15	1.865
2,2,4-Trimethylpentane	ND		4.4	1.5	ug/m3			02/12/26 00:15	1.865
2-Butanone (MEK)	**12**		11	3.7	ug/m3			02/12/26 00:15	1.865
2-Hexanone	ND		15	5.1	ug/m3			02/12/26 00:15	1.865
2-Propanol	**5.4**	**J**	9.2	3.1	ug/m3			02/12/26 00:15	1.865
3-Chloropropene	ND		2.9	0.99	ug/m3			02/12/26 00:15	1.865
4-Ethyltoluene	ND		4.6	1.6	ug/m3			02/12/26 00:15	1.865
4-Methyl-2-pentanone (MIBK)	ND		3.8	1.3	ug/m3			02/12/26 00:15	1.865
Acetone	**34**		22	7.4	ug/m3			02/12/26 00:15	1.865
alpha-Chlorotoluene	ND		4.8	1.6	ug/m3			02/12/26 00:15	1.865
Benzene	ND		3.0	1.0	ug/m3			02/12/26 00:15	1.865
Bromodichloromethane	ND		6.2	2.1	ug/m3			02/12/26 00:15	1.865
Bromoform	ND		9.6	3.3	ug/m3			02/12/26 00:15	1.865
Bromomethane	ND		7.2	2.4	ug/m3			02/12/26 00:15	1.865
Carbon disulfide	ND		12	3.9	ug/m3			02/12/26 00:15	1.865
Carbon tetrachloride	ND		5.9	2.0	ug/m3			02/12/26 00:15	1.865
Chlorobenzene	ND		4.3	1.5	ug/m3			02/12/26 00:15	1.865
Chloroethane	ND		9.8	3.3	ug/m3			02/12/26 00:15	1.865
Chloroform	ND		4.6	1.5	ug/m3			02/12/26 00:15	1.865
Chloromethane	ND		19	6.4	ug/m3			02/12/26 00:15	1.865
cis-1,2-Dichloroethene	ND		3.7	1.3	ug/m3			02/12/26 00:15	1.865
cis-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			02/12/26 00:15	1.865
Cumene	ND		4.6	1.6	ug/m3			02/12/26 00:15	1.865
Cyclohexane	ND		3.2	1.1	ug/m3			02/12/26 00:15	1.865
Dibromochloromethane	ND		7.9	2.7	ug/m3			02/12/26 00:15	1.865
Ethanol	**15**	**J**	18	5.9	ug/m3			02/12/26 00:15	1.865
Ethylbenzene	ND		4.0	1.4	ug/m3			02/12/26 00:15	1.865
Freon 11	ND		5.2	1.8	ug/m3			02/12/26 00:15	1.865
Freon 113	ND		7.1	2.4	ug/m3			02/12/26 00:15	1.865
Freon 12	**1.8**	**J**	4.6	1.6	ug/m3			02/12/26 00:15	1.865
Freon-114	ND		6.5	2.2	ug/m3			02/12/26 00:15	1.865
Heptane	ND		3.8	1.3	ug/m3			02/12/26 00:15	1.865
Hexachlorobutadiene	ND		40	13	ug/m3			02/12/26 00:15	1.865

Client Sample ID: 823-LFGP-1

Lab Sample ID: 650-4850-1

Date Collected: 01/22/26 11:13
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		3.3	1.1	ug/m3			02/12/26 00:15	1.865
m,p-Xylene	ND		8.1	2.7	ug/m3			02/12/26 00:15	1.865
Methyl tert-butyl ether	ND		13	4.5	ug/m3			02/12/26 00:15	1.865
Methylene Chloride	ND		6.5	2.1	ug/m3			02/12/26 00:15	1.865
Naphthalene	ND		9.8	1.7	ug/m3			02/12/26 00:15	1.865
o-Xylene	ND		4.0	1.4	ug/m3			02/12/26 00:15	1.865
Propylbenzene	ND		4.6	1.6	ug/m3			02/12/26 00:15	1.865
Styrene	ND		4.0	1.4	ug/m3			02/12/26 00:15	1.865
Tetrachloroethene	**45**		6.3	2.2	ug/m3			02/12/26 00:15	1.865
Tetrahydrofuran	ND		2.8	0.94	ug/m3			02/12/26 00:15	1.865
Toluene	**9.6**		7.0	2.3	ug/m3			02/12/26 00:15	1.865
trans-1,2-Dichloroethene	ND		3.7	1.3	ug/m3			02/12/26 00:15	1.865
trans-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			02/12/26 00:15	1.865
Trichloroethene	ND		5.0	1.7	ug/m3			02/12/26 00:15	1.865
Vinyl chloride	ND		2.4	0.81	ug/m3			02/12/26 00:15	1.865

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*02/12/26 00:15*	*1.865*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 00:15*	*1.865*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 00:15*	*1.865*

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	**0.00021**		0.00019	0.000062	% v/v			02/13/26 11:36	1.865

Client Sample ID: 823-LFGP-2

Lab Sample ID: 650-4850-2

Date Collected: 01/22/26 10:37
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	1.7	ug/m3			02/12/26 08:31	1.806
1,1,2,2-Tetrachloroethane	ND		6.2	2.1	ug/m3			02/12/26 08:31	1.806
1,1,2-Trichloroethane	ND		4.9	1.7	ug/m3			02/12/26 08:31	1.806
1,1-Dichloroethane	ND		3.7	1.2	ug/m3			02/12/26 08:31	1.806
1,1-Dichloroethene	ND		3.6	1.2	ug/m3			02/12/26 08:31	1.806
1,2,4-Trichlorobenzene	ND		27	9.0	ug/m3			02/12/26 08:31	1.806
1,2,4-Trimethylbenzene	ND		4.4	1.5	ug/m3			02/12/26 08:31	1.806
1,2-Dibromoethane (EDB)	ND		6.9	2.4	ug/m3			02/12/26 08:31	1.806
1,2-Dichlorobenzene	ND		5.4	1.8	ug/m3			02/12/26 08:31	1.806
1,2-Dichloroethane	ND		3.7	1.2	ug/m3			02/12/26 08:31	1.806
1,2-Dichloropropane	ND		4.2	1.4	ug/m3			02/12/26 08:31	1.806
1,3,5-Trimethylbenzene	ND		4.4	1.5	ug/m3			02/12/26 08:31	1.806
1,3-Butadiene	ND		2.0	0.68	ug/m3			02/12/26 08:31	1.806
1,3-Dichlorobenzene	ND		5.4	1.8	ug/m3			02/12/26 08:31	1.806
1,4-Dichlorobenzene	ND		5.4	1.8	ug/m3			02/12/26 08:31	1.806
1,4-Dioxane	ND		6.5	2.1	ug/m3			02/12/26 08:31	1.806
2,2,4-Trimethylpentane	**4.1**	**J**	4.2	1.4	ug/m3			02/12/26 08:31	1.806

Client Sample ID: 823-LFGP-2
Date Collected: 01/22/26 10:37
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	**14**		11	3.6	ug/m3			02/12/26 08:31	1.806
2-Hexanone	ND		15	5.0	ug/m3			02/12/26 08:31	1.806
2-Propanol	**4.4**	**J**	8.9	3.0	ug/m3			02/12/26 08:31	1.806
3-Chloropropene	ND		2.8	0.96	ug/m3			02/12/26 08:31	1.806
4-Ethyltoluene	ND		4.4	1.5	ug/m3			02/12/26 08:31	1.806
4-Methyl-2-pentanone (MIBK)	ND		3.7	1.3	ug/m3			02/12/26 08:31	1.806
Acetone	**47**		21	7.2	ug/m3			02/12/26 08:31	1.806
alpha-Chlorotoluene	ND		4.7	1.6	ug/m3			02/12/26 08:31	1.806
Benzene	**2.3**	**J**	2.9	0.98	ug/m3			02/12/26 08:31	1.806
Bromodichloromethane	ND		6.1	2.1	ug/m3			02/12/26 08:31	1.806
Bromoform	ND		9.3	3.2	ug/m3			02/12/26 08:31	1.806
Bromomethane	ND		7.0	2.3	ug/m3			02/12/26 08:31	1.806
Carbon disulfide	ND		11	3.8	ug/m3			02/12/26 08:31	1.806
Carbon tetrachloride	ND		5.7	1.9	ug/m3			02/12/26 08:31	1.806
Chlorobenzene	ND		4.2	1.4	ug/m3			02/12/26 08:31	1.806
Chloroethane	ND		9.5	3.2	ug/m3			02/12/26 08:31	1.806
Chloroform	ND		4.4	1.5	ug/m3			02/12/26 08:31	1.806
Chloromethane	ND		19	6.2	ug/m3			02/12/26 08:31	1.806
cis-1,2-Dichloroethene	ND		3.6	1.2	ug/m3			02/12/26 08:31	1.806
cis-1,3-Dichloropropene	ND		4.1	1.4	ug/m3			02/12/26 08:31	1.806
Cumene	ND		4.4	1.5	ug/m3			02/12/26 08:31	1.806
Cyclohexane	**2.9**	**J**	3.1	1.1	ug/m3			02/12/26 08:31	1.806
Dibromochloromethane	ND		7.7	2.6	ug/m3			02/12/26 08:31	1.806
Ethanol	**30**		17	5.7	ug/m3			02/12/26 08:31	1.806
Ethylbenzene	ND		3.9	1.3	ug/m3			02/12/26 08:31	1.806
Freon 11	**1.8**	**J**	5.1	1.7	ug/m3			02/12/26 08:31	1.806
Freon 113	ND		6.9	2.4	ug/m3			02/12/26 08:31	1.806
Freon 12	**3.7**	**J**	4.5	1.5	ug/m3			02/12/26 08:31	1.806
Freon-114	ND		6.3	2.1	ug/m3			02/12/26 08:31	1.806
Heptane	**2.7**	**J**	3.7	1.3	ug/m3			02/12/26 08:31	1.806
Hexachlorobutadiene	ND		39	13	ug/m3			02/12/26 08:31	1.806
Hexane	**8.4**		3.2	1.1	ug/m3			02/12/26 08:31	1.806
m,p-Xylene	ND		7.8	2.6	ug/m3			02/12/26 08:31	1.806
Methyl tert-butyl ether	ND		13	4.4	ug/m3			02/12/26 08:31	1.806
Methylene Chloride	**13**		6.3	2.1	ug/m3			02/12/26 08:31	1.806
Naphthalene	ND		9.5	1.6	ug/m3			02/12/26 08:31	1.806
o-Xylene	ND		3.9	1.3	ug/m3			02/12/26 08:31	1.806
Propylbenzene	ND		4.4	1.5	ug/m3			02/12/26 08:31	1.806
Styrene	ND		3.8	1.3	ug/m3			02/12/26 08:31	1.806
Tetrachloroethene	**510**		6.1	2.1	ug/m3			02/12/26 08:31	1.806
Tetrahydrofuran	**1.4**	**J**	2.7	0.91	ug/m3			02/12/26 08:31	1.806
Toluene	**15**		6.8	2.2	ug/m3			02/12/26 08:31	1.806
trans-1,2-Dichloroethene	ND		3.6	1.2	ug/m3			02/12/26 08:31	1.806
trans-1,3-Dichloropropene	ND		4.1	1.4	ug/m3			02/12/26 08:31	1.806
Trichloroethene	**2.3**	**J**	4.9	1.6	ug/m3			02/12/26 08:31	1.806
Vinyl chloride	ND		2.3	0.78	ug/m3			02/12/26 08:31	1.806

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*02/12/26 08:31*	*1.806*

Client Sample ID: 823-LFGP-2

Lab Sample ID: 650-4850-2

Date Collected: 01/22/26 10:37
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*02/12/26 08:31*	*1.806*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 08:31*	*1.806*

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	**0.00021**	**J**	0.00033	0.00011	% v/v			02/13/26 12:19	3.323

Client Sample ID: 823-LFGP-3

Lab Sample ID: 650-4850-3

Date Collected: 01/22/26 10:57
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.9	2.7	ug/m3			02/12/26 01:17	2.911
1,1,2,2-Tetrachloroethane	ND		10	3.4	ug/m3			02/12/26 01:17	2.911
1,1,2-Trichloroethane	ND		7.9	2.7	ug/m3			02/12/26 01:17	2.911
1,1-Dichloroethane	ND		5.9	2.0	ug/m3			02/12/26 01:17	2.911
1,1-Dichloroethene	ND		5.8	2.0	ug/m3			02/12/26 01:17	2.911
1,2,4-Trichlorobenzene	ND		43	14	ug/m3			02/12/26 01:17	2.911
1,2,4-Trimethylbenzene	ND		7.2	2.4	ug/m3			02/12/26 01:17	2.911
1,2-Dibromoethane (EDB)	ND		11	3.8	ug/m3			02/12/26 01:17	2.911
1,2-Dichlorobenzene	ND		8.8	3.0	ug/m3			02/12/26 01:17	2.911
1,2-Dichloroethane	ND		5.9	2.0	ug/m3			02/12/26 01:17	2.911
1,2-Dichloropropane	ND		6.7	2.3	ug/m3			02/12/26 01:17	2.911
1,3,5-Trimethylbenzene	ND		7.2	2.4	ug/m3			02/12/26 01:17	2.911
1,3-Butadiene	ND		3.2	1.1	ug/m3			02/12/26 01:17	2.911
1,3-Dichlorobenzene	ND		8.8	3.0	ug/m3			02/12/26 01:17	2.911
1,4-Dichlorobenzene	ND		8.8	3.0	ug/m3			02/12/26 01:17	2.911
1,4-Dioxane	ND		10	3.5	ug/m3			02/12/26 01:17	2.911
2,2,4-Trimethylpentane	ND		6.8	2.3	ug/m3			02/12/26 01:17	2.911
2-Butanone (MEK)	**12**	**J**	17	5.8	ug/m3			02/12/26 01:17	2.911
2-Hexanone	ND		24	8.0	ug/m3			02/12/26 01:17	2.911
2-Propanol	ND		14	4.8	ug/m3			02/12/26 01:17	2.911
3-Chloropropene	ND		4.6	1.5	ug/m3			02/12/26 01:17	2.911
4-Ethyltoluene	ND		7.2	2.4	ug/m3			02/12/26 01:17	2.911
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.0	ug/m3			02/12/26 01:17	2.911
Acetone	**29**	**J**	35	12	ug/m3			02/12/26 01:17	2.911
alpha-Chlorotoluene	ND		7.5	2.6	ug/m3			02/12/26 01:17	2.911
Benzene	ND		4.6	1.6	ug/m3			02/12/26 01:17	2.911
Bromodichloromethane	ND		9.8	3.3	ug/m3			02/12/26 01:17	2.911
Bromoform	ND		15	5.1	ug/m3			02/12/26 01:17	2.911
Bromomethane	ND		11	3.7	ug/m3			02/12/26 01:17	2.911
Carbon disulfide	ND		18	6.1	ug/m3			02/12/26 01:17	2.911
Carbon tetrachloride	ND		9.2	3.1	ug/m3			02/12/26 01:17	2.911
Chlorobenzene	ND		6.7	2.3	ug/m3			02/12/26 01:17	2.911
Chloroethane	ND		15	5.1	ug/m3			02/12/26 01:17	2.911
Chloroform	ND		7.1	2.4	ug/m3			02/12/26 01:17	2.911
Chloromethane	ND		30	10	ug/m3			02/12/26 01:17	2.911

Client Sample ID: 823-LFGP-3

Lab Sample ID: 650-4850-3

Date Collected: 01/22/26 10:57
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.8	2.0	ug/m3			02/12/26 01:17	2.911
cis-1,3-Dichloropropene	ND		6.6	2.2	ug/m3			02/12/26 01:17	2.911
Cumene	ND		7.2	2.4	ug/m3			02/12/26 01:17	2.911
Cyclohexane	ND		5.0	1.7	ug/m3			02/12/26 01:17	2.911
Dibromochloromethane	ND		12	4.2	ug/m3			02/12/26 01:17	2.911
Ethanol	ND		27	9.2	ug/m3			02/12/26 01:17	2.911
Ethylbenzene	ND		6.3	2.1	ug/m3			02/12/26 01:17	2.911
Freon 11	ND		8.2	2.8	ug/m3			02/12/26 01:17	2.911
Freon 113	ND		11	3.8	ug/m3			02/12/26 01:17	2.911
Freon 12	ND		7.2	2.4	ug/m3			02/12/26 01:17	2.911
Freon-114	ND		10	3.5	ug/m3			02/12/26 01:17	2.911
Heptane	**66**		6.0	2.0	ug/m3			02/12/26 01:17	2.911
Hexachlorobutadiene	ND		62	21	ug/m3			02/12/26 01:17	2.911
Hexane	**300**		5.1	1.7	ug/m3			02/12/26 01:17	2.911
m,p-Xylene	ND		13	4.2	ug/m3			02/12/26 01:17	2.911
Methyl tert-butyl ether	ND		21	7.0	ug/m3			02/12/26 01:17	2.911
Methylene Chloride	ND		10	3.3	ug/m3			02/12/26 01:17	2.911
Naphthalene	ND		15	2.6	ug/m3			02/12/26 01:17	2.911
o-Xylene	ND		6.3	2.1	ug/m3			02/12/26 01:17	2.911
Propylbenzene	ND		7.2	2.4	ug/m3			02/12/26 01:17	2.911
Styrene	ND		6.2	2.1	ug/m3			02/12/26 01:17	2.911
Tetrachloroethene	ND		9.9	3.4	ug/m3			02/12/26 01:17	2.911
Tetrahydrofuran	ND		4.3	1.5	ug/m3			02/12/26 01:17	2.911
Toluene	**17**		11	3.6	ug/m3			02/12/26 01:17	2.911
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/m3			02/12/26 01:17	2.911
trans-1,3-Dichloropropene	ND		6.6	2.2	ug/m3			02/12/26 01:17	2.911
Trichloroethene	ND		7.8	2.7	ug/m3			02/12/26 01:17	2.911
Vinyl chloride	ND		3.7	1.3	ug/m3			02/12/26 01:17	2.911

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/12/26 01:17*	*2.911*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 01:17*	*2.911*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 01:17*	*2.911*

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	**0.031**		0.00029	0.000096	% v/v			02/13/26 12:46	2.911

Client Sample ID: 823-LFGP-4

Lab Sample ID: 650-4850-4

Date Collected: 01/22/26 10:27
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	1.7	ug/m3			02/12/26 01:48	1.865
1,1,2,2-Tetrachloroethane	ND		6.4	2.2	ug/m3			02/12/26 01:48	1.865
1,1,2-Trichloroethane	ND		5.1	1.7	ug/m3			02/12/26 01:48	1.865
1,1-Dichloroethane	ND		3.8	1.3	ug/m3			02/12/26 01:48	1.865

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-4
Date Collected: 01/22/26 10:27
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-4
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		3.7	1.3	ug/m3			02/12/26 01:48	1.865
1,2,4-Trichlorobenzene	ND		28	9.3	ug/m3			02/12/26 01:48	1.865
1,2,4-Trimethylbenzene	ND		4.6	1.6	ug/m3			02/12/26 01:48	1.865
1,2-Dibromoethane (EDB)	ND		7.2	2.4	ug/m3			02/12/26 01:48	1.865
1,2-Dichlorobenzene	ND		5.6	1.9	ug/m3			02/12/26 01:48	1.865
1,2-Dichloroethane	ND		3.8	1.3	ug/m3			02/12/26 01:48	1.865
1,2-Dichloropropane	ND		4.3	1.5	ug/m3			02/12/26 01:48	1.865
1,3,5-Trimethylbenzene	ND		4.6	1.6	ug/m3			02/12/26 01:48	1.865
1,3-Butadiene	ND		2.1	0.70	ug/m3			02/12/26 01:48	1.865
1,3-Dichlorobenzene	ND		5.6	1.9	ug/m3			02/12/26 01:48	1.865
1,4-Dichlorobenzene	ND		5.6	1.9	ug/m3			02/12/26 01:48	1.865
1,4-Dioxane	ND		6.7	2.2	ug/m3			02/12/26 01:48	1.865
2,2,4-Trimethylpentane	ND		4.4	1.5	ug/m3			02/12/26 01:48	1.865
2-Butanone (MEK)	**6.6**	**J**	11	3.7	ug/m3			02/12/26 01:48	1.865
2-Hexanone	ND		15	5.1	ug/m3			02/12/26 01:48	1.865
2-Propanol	ND		9.2	3.1	ug/m3			02/12/26 01:48	1.865
3-Chloropropene	ND		2.9	0.99	ug/m3			02/12/26 01:48	1.865
4-Ethyltoluene	ND		4.6	1.6	ug/m3			02/12/26 01:48	1.865
4-Methyl-2-pentanone (MIBK)	ND		3.8	1.3	ug/m3			02/12/26 01:48	1.865
Acetone	**15**	**J**	22	7.4	ug/m3			02/12/26 01:48	1.865
alpha-Chlorotoluene	ND		4.8	1.6	ug/m3			02/12/26 01:48	1.865
Benzene	ND		3.0	1.0	ug/m3			02/12/26 01:48	1.865
Bromodichloromethane	ND		6.2	2.1	ug/m3			02/12/26 01:48	1.865
Bromoform	ND		9.6	3.3	ug/m3			02/12/26 01:48	1.865
Bromomethane	ND		7.2	2.4	ug/m3			02/12/26 01:48	1.865
Carbon disulfide	ND		12	3.9	ug/m3			02/12/26 01:48	1.865
Carbon tetrachloride	ND		5.9	2.0	ug/m3			02/12/26 01:48	1.865
Chlorobenzene	ND		4.3	1.5	ug/m3			02/12/26 01:48	1.865
Chloroethane	ND		9.8	3.3	ug/m3			02/12/26 01:48	1.865
Chloroform	ND		4.6	1.5	ug/m3			02/12/26 01:48	1.865
Chloromethane	ND		19	6.4	ug/m3			02/12/26 01:48	1.865
cis-1,2-Dichloroethene	ND		3.7	1.3	ug/m3			02/12/26 01:48	1.865
cis-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			02/12/26 01:48	1.865
Cumene	ND		4.6	1.6	ug/m3			02/12/26 01:48	1.865
Cyclohexane	ND		3.2	1.1	ug/m3			02/12/26 01:48	1.865
Dibromochloromethane	ND		7.9	2.7	ug/m3			02/12/26 01:48	1.865
Ethanol	ND		18	5.9	ug/m3			02/12/26 01:48	1.865
Ethylbenzene	ND		4.0	1.4	ug/m3			02/12/26 01:48	1.865
Freon 11	ND		5.2	1.8	ug/m3			02/12/26 01:48	1.865
Freon 113	ND		7.1	2.4	ug/m3			02/12/26 01:48	1.865
Freon 12	**1.9**	**J**	4.6	1.6	ug/m3			02/12/26 01:48	1.865
Freon-114	ND		6.5	2.2	ug/m3			02/12/26 01:48	1.865
Heptane	ND		3.8	1.3	ug/m3			02/12/26 01:48	1.865
Hexachlorobutadiene	ND		40	13	ug/m3			02/12/26 01:48	1.865
Hexane	ND		3.3	1.1	ug/m3			02/12/26 01:48	1.865
m,p-Xylene	ND		8.1	2.7	ug/m3			02/12/26 01:48	1.865
Methyl tert-butyl ether	ND		13	4.5	ug/m3			02/12/26 01:48	1.865
Methylene Chloride	ND		6.5	2.1	ug/m3			02/12/26 01:48	1.865

Client Sample ID: 823-LFGP-4

Lab Sample ID: 650-4850-4

Date Collected: 01/22/26 10:27
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8	1.7	ug/m3			02/12/26 01:48	1.865
o-Xylene	ND		4.0	1.4	ug/m3			02/12/26 01:48	1.865
Propylbenzene	ND		4.6	1.6	ug/m3			02/12/26 01:48	1.865
Styrene	ND		4.0	1.4	ug/m3			02/12/26 01:48	1.865
Tetrachloroethene	**130**		6.3	2.2	ug/m3			02/12/26 01:48	1.865
Tetrahydrofuran	ND		2.8	0.94	ug/m3			02/12/26 01:48	1.865
Toluene	**10**		7.0	2.3	ug/m3			02/12/26 01:48	1.865
trans-1,2-Dichloroethene	ND		3.7	1.3	ug/m3			02/12/26 01:48	1.865
trans-1,3-Dichloropropene	ND		4.2	1.4	ug/m3			02/12/26 01:48	1.865
Trichloroethene	ND		5.0	1.7	ug/m3			02/12/26 01:48	1.865
Vinyl chloride	ND		2.4	0.81	ug/m3			02/12/26 01:48	1.865

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/12/26 01:48*	*1.865*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*02/12/26 01:48*	*1.865*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 01:48*	*1.865*

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		0.00019	0.000062	% v/v			02/13/26 13:11	1.865

Client Sample ID: 823-LFGP-5

Lab Sample ID: 650-4850-5

Date Collected: 01/22/26 12:09
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 02:19	1.643
1,1,2,2-Tetrachloroethane	ND		5.6	1.9	ug/m3			02/12/26 02:19	1.643
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 02:19	1.643
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 02:19	1.643
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 02:19	1.643
1,2,4-Trichlorobenzene	ND		24	8.2	ug/m3			02/12/26 02:19	1.643
1,2,4-Trimethylbenzene	**2.9**	**J**	4.0	1.4	ug/m3			02/12/26 02:19	1.643
1,2-Dibromoethane (EDB)	ND		6.3	2.1	ug/m3			02/12/26 02:19	1.643
1,2-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 02:19	1.643
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 02:19	1.643
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			02/12/26 02:19	1.643
1,3,5-Trimethylbenzene	**3.2**	**J**	4.0	1.4	ug/m3			02/12/26 02:19	1.643
1,3-Butadiene	ND		1.8	0.62	ug/m3			02/12/26 02:19	1.643
1,3-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 02:19	1.643
1,4-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 02:19	1.643
1,4-Dioxane	ND		5.9	2.0	ug/m3			02/12/26 02:19	1.643
2,2,4-Trimethylpentane	**33**		3.8	1.3	ug/m3			02/12/26 02:19	1.643
2-Butanone (MEK)	**7.1**	**J**	9.7	3.2	ug/m3			02/12/26 02:19	1.643
2-Hexanone	ND		13	4.5	ug/m3			02/12/26 02:19	1.643
2-Propanol	ND		8.1	2.7	ug/m3			02/12/26 02:19	1.643
3-Chloropropene	ND		2.6	0.87	ug/m3			02/12/26 02:19	1.643

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-5
Date Collected: 01/22/26 12:09
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-5
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		4.0	1.4	ug/m3			02/12/26 02:19	1.643
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.1	ug/m3			02/12/26 02:19	1.643
Acetone	**14**	**J**	20	6.5	ug/m3			02/12/26 02:19	1.643
alpha-Chlorotoluene	ND		4.3	1.4	ug/m3			02/12/26 02:19	1.643
Benzene	**5.4**		2.6	0.89	ug/m3			02/12/26 02:19	1.643
Bromodichloromethane	ND		5.5	1.9	ug/m3			02/12/26 02:19	1.643
Bromoform	ND		8.5	2.9	ug/m3			02/12/26 02:19	1.643
Bromomethane	ND		6.4	2.1	ug/m3			02/12/26 02:19	1.643
Carbon disulfide	ND		10	3.4	ug/m3			02/12/26 02:19	1.643
Carbon tetrachloride	ND		5.2	1.8	ug/m3			02/12/26 02:19	1.643
Chlorobenzene	ND		3.8	1.3	ug/m3			02/12/26 02:19	1.643
Chloroethane	**3.7**	**J**	8.7	2.9	ug/m3			02/12/26 02:19	1.643
Chloroform	ND		4.0	1.4	ug/m3			02/12/26 02:19	1.643
Chloromethane	ND		17	5.7	ug/m3			02/12/26 02:19	1.643
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 02:19	1.643
cis-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/12/26 02:19	1.643
Cumene	**4.0**		4.0	1.4	ug/m3			02/12/26 02:19	1.643
Cyclohexane	**99**		2.8	0.96	ug/m3			02/12/26 02:19	1.643
Dibromochloromethane	ND		7.0	2.4	ug/m3			02/12/26 02:19	1.643
Ethanol	ND		15	5.2	ug/m3			02/12/26 02:19	1.643
Ethylbenzene	**3.9**		3.6	1.2	ug/m3			02/12/26 02:19	1.643
Freon 11	ND		4.6	1.6	ug/m3			02/12/26 02:19	1.643
Freon 113	ND		6.3	2.1	ug/m3			02/12/26 02:19	1.643
Freon 12	ND		4.1	1.4	ug/m3			02/12/26 02:19	1.643
Freon-114	ND		5.7	2.0	ug/m3			02/12/26 02:19	1.643
Heptane	**19**		3.4	1.1	ug/m3			02/12/26 02:19	1.643
Hexachlorobutadiene	ND		35	12	ug/m3			02/12/26 02:19	1.643
Hexane	**63**		2.9	0.98	ug/m3			02/12/26 02:19	1.643
m,p-Xylene	**6.9**	**J**	7.1	2.4	ug/m3			02/12/26 02:19	1.643
Methyl tert-butyl ether	ND		12	4.0	ug/m3			02/12/26 02:19	1.643
Methylene Chloride	ND		5.7	1.9	ug/m3			02/12/26 02:19	1.643
Naphthalene	ND		8.6	1.5	ug/m3			02/12/26 02:19	1.643
o-Xylene	**6.3**		3.6	1.2	ug/m3			02/12/26 02:19	1.643
Propylbenzene	ND		4.0	1.4	ug/m3			02/12/26 02:19	1.643
Styrene	ND		3.5	1.2	ug/m3			02/12/26 02:19	1.643
Tetrachloroethene	ND		5.6	1.9	ug/m3			02/12/26 02:19	1.643
Tetrahydrofuran	ND		2.4	0.82	ug/m3			02/12/26 02:19	1.643
Toluene	**12**		6.2	2.0	ug/m3			02/12/26 02:19	1.643
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 02:19	1.643
trans-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/12/26 02:19	1.643
Trichloroethene	ND		4.4	1.5	ug/m3			02/12/26 02:19	1.643
Vinyl chloride	ND		2.1	0.71	ug/m3			02/12/26 02:19	1.643

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/12/26 02:19*	*1.643*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/12/26 02:19*	*1.643*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/12/26 02:19*	*1.643*

Client Sample ID: 823-LFGP-5

Lab Sample ID: 650-4850-5

Date Collected: 01/22/26 12:09
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**9.4**		0.00016	0.000054	% v/v			02/13/26 13:34	1.643

Client Sample ID: 823-LFGP-6

Lab Sample ID: 650-4850-6

Date Collected: 01/22/26 12:04
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	1.5	ug/m3			02/12/26 02:51	1.575
1,1,2,2-Tetrachloroethane	ND		5.4	1.8	ug/m3			02/12/26 02:51	1.575
1,1,2-Trichloroethane	ND		4.3	1.5	ug/m3			02/12/26 02:51	1.575
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			02/12/26 02:51	1.575
1,1-Dichloroethene	ND		3.1	1.1	ug/m3			02/12/26 02:51	1.575
1,2,4-Trichlorobenzene	ND		23	7.8	ug/m3			02/12/26 02:51	1.575
1,2,4-Trimethylbenzene	ND		3.9	1.3	ug/m3			02/12/26 02:51	1.575
1,2-Dibromoethane (EDB)	ND		6.1	2.1	ug/m3			02/12/26 02:51	1.575
1,2-Dichlorobenzene	ND		4.7	1.6	ug/m3			02/12/26 02:51	1.575
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			02/12/26 02:51	1.575
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			02/12/26 02:51	1.575
1,3,5-Trimethylbenzene	ND		3.9	1.3	ug/m3			02/12/26 02:51	1.575
1,3-Butadiene	ND		1.7	0.59	ug/m3			02/12/26 02:51	1.575
1,3-Dichlorobenzene	ND		4.7	1.6	ug/m3			02/12/26 02:51	1.575
1,4-Dichlorobenzene	ND		4.7	1.6	ug/m3			02/12/26 02:51	1.575
1,4-Dioxane	ND		5.7	1.9	ug/m3			02/12/26 02:51	1.575
2,2,4-Trimethylpentane	ND		3.7	1.3	ug/m3			02/12/26 02:51	1.575
2-Butanone (MEK)	**7.8**	**J**	9.3	3.1	ug/m3			02/12/26 02:51	1.575
2-Hexanone	ND		13	4.3	ug/m3			02/12/26 02:51	1.575
2-Propanol	ND		7.7	2.6	ug/m3			02/12/26 02:51	1.575
3-Chloropropene	ND		2.5	0.84	ug/m3			02/12/26 02:51	1.575
4-Ethyltoluene	ND		3.9	1.3	ug/m3			02/12/26 02:51	1.575
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			02/12/26 02:51	1.575
Acetone	**16**	**J**	19	6.2	ug/m3			02/12/26 02:51	1.575
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			02/12/26 02:51	1.575
Benzene	ND		2.5	0.86	ug/m3			02/12/26 02:51	1.575
Bromodichloromethane	ND		5.3	1.8	ug/m3			02/12/26 02:51	1.575
Bromoform	ND		8.1	2.8	ug/m3			02/12/26 02:51	1.575
Bromomethane	ND		6.1	2.0	ug/m3			02/12/26 02:51	1.575
Carbon disulfide	ND		9.8	3.3	ug/m3			02/12/26 02:51	1.575
Carbon tetrachloride	ND		5.0	1.7	ug/m3			02/12/26 02:51	1.575
Chlorobenzene	ND		3.6	1.2	ug/m3			02/12/26 02:51	1.575
Chloroethane	ND		8.3	2.8	ug/m3			02/12/26 02:51	1.575
Chloroform	ND		3.8	1.3	ug/m3			02/12/26 02:51	1.575
Chloromethane	ND		16	5.4	ug/m3			02/12/26 02:51	1.575
cis-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			02/12/26 02:51	1.575
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/12/26 02:51	1.575
Cumene	ND		3.9	1.3	ug/m3			02/12/26 02:51	1.575
Cyclohexane	ND		2.7	0.92	ug/m3			02/12/26 02:51	1.575
Dibromochloromethane	ND		6.7	2.3	ug/m3			02/12/26 02:51	1.575

Client Sample ID: 823-LFGP-6

Lab Sample ID: 650-4850-6

Date Collected: 01/22/26 12:04
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		15	5.0	ug/m3			02/12/26 02:51	1.575
Ethylbenzene	ND		3.4	1.2	ug/m3			02/12/26 02:51	1.575
Freon 11	ND		4.4	1.5	ug/m3			02/12/26 02:51	1.575
Freon 113	**57**		6.0	2.1	ug/m3			02/12/26 02:51	1.575
Freon 12	**1.5**	**J**	3.9	1.3	ug/m3			02/12/26 02:51	1.575
Freon-114	ND		5.5	1.9	ug/m3			02/12/26 02:51	1.575
Heptane	ND		3.2	1.1	ug/m3			02/12/26 02:51	1.575
Hexachlorobutadiene	ND		34	11	ug/m3			02/12/26 02:51	1.575
Hexane	ND		2.8	0.94	ug/m3			02/12/26 02:51	1.575
m,p-Xylene	ND		6.8	2.3	ug/m3			02/12/26 02:51	1.575
Methyl tert-butyl ether	ND		11	3.8	ug/m3			02/12/26 02:51	1.575
Methylene Chloride	ND		5.5	1.8	ug/m3			02/12/26 02:51	1.575
Naphthalene	ND		8.3	1.4	ug/m3			02/12/26 02:51	1.575
o-Xylene	ND		3.4	1.2	ug/m3			02/12/26 02:51	1.575
Propylbenzene	ND		3.9	1.3	ug/m3			02/12/26 02:51	1.575
Styrene	ND		3.4	1.1	ug/m3			02/12/26 02:51	1.575
Tetrachloroethene	ND		5.3	1.8	ug/m3			02/12/26 02:51	1.575
Tetrahydrofuran	ND		2.3	0.79	ug/m3			02/12/26 02:51	1.575
Toluene	**8.5**		5.9	2.0	ug/m3			02/12/26 02:51	1.575
trans-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			02/12/26 02:51	1.575
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/12/26 02:51	1.575
Trichloroethene	ND		4.2	1.4	ug/m3			02/12/26 02:51	1.575
Vinyl chloride	ND		2.0	0.68	ug/m3			02/12/26 02:51	1.575

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/12/26 02:51*	*1.575*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 02:51*	*1.575*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/12/26 02:51*	*1.575*

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	**0.00011**	**J**	0.00016	0.000052	% v/v			02/13/26 14:01	1.575

Client Sample ID: 823-LFGP-7

Lab Sample ID: 650-4850-7

Date Collected: 01/22/26 11:47
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	1.6	ug/m3			02/12/26 03:22	1.718
1,1,2,2-Tetrachloroethane	ND		5.9	2.0	ug/m3			02/12/26 03:22	1.718
1,1,2-Trichloroethane	ND		4.7	1.6	ug/m3			02/12/26 03:22	1.718
1,1-Dichloroethane	ND		3.5	1.2	ug/m3			02/12/26 03:22	1.718
1,1-Dichloroethene	ND		3.4	1.2	ug/m3			02/12/26 03:22	1.718
1,2,4-Trichlorobenzene	ND		25	8.5	ug/m3			02/12/26 03:22	1.718
1,2,4-Trimethylbenzene	ND		4.2	1.4	ug/m3			02/12/26 03:22	1.718
1,2-Dibromoethane (EDB)	ND		6.6	2.2	ug/m3			02/12/26 03:22	1.718
1,2-Dichlorobenzene	ND		5.2	1.8	ug/m3			02/12/26 03:22	1.718

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-7
Date Collected: 01/22/26 11:47
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-7
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		3.5	1.2	ug/m3			02/12/26 03:22	1.718
1,2-Dichloropropane	ND		4.0	1.3	ug/m3			02/12/26 03:22	1.718
1,3,5-Trimethylbenzene	ND		4.2	1.4	ug/m3			02/12/26 03:22	1.718
1,3-Butadiene	ND		1.9	0.65	ug/m3			02/12/26 03:22	1.718
1,3-Dichlorobenzene	ND		5.2	1.8	ug/m3			02/12/26 03:22	1.718
1,4-Dichlorobenzene	ND		5.2	1.8	ug/m3			02/12/26 03:22	1.718
1,4-Dioxane	ND		6.2	2.0	ug/m3			02/12/26 03:22	1.718
2,2,4-Trimethylpentane	ND		4.0	1.4	ug/m3			02/12/26 03:22	1.718
2-Butanone (MEK)	**8.3**	**J**	10	3.4	ug/m3			02/12/26 03:22	1.718
2-Hexanone	ND		14	4.7	ug/m3			02/12/26 03:22	1.718
2-Propanol	ND		8.4	2.8	ug/m3			02/12/26 03:22	1.718
3-Chloropropene	ND		2.7	0.91	ug/m3			02/12/26 03:22	1.718
4-Ethyltoluene	ND		4.2	1.4	ug/m3			02/12/26 03:22	1.718
4-Methyl-2-pentanone (MIBK)	ND		3.5	1.2	ug/m3			02/12/26 03:22	1.718
Acetone	**17**	**J**	20	6.8	ug/m3			02/12/26 03:22	1.718
alpha-Chlorotoluene	ND		4.4	1.5	ug/m3			02/12/26 03:22	1.718
Benzene	ND		2.7	0.93	ug/m3			02/12/26 03:22	1.718
Bromodichloromethane	ND		5.8	2.0	ug/m3			02/12/26 03:22	1.718
Bromoform	ND		8.9	3.0	ug/m3			02/12/26 03:22	1.718
Bromomethane	ND		6.7	2.2	ug/m3			02/12/26 03:22	1.718
Carbon disulfide	ND		11	3.6	ug/m3			02/12/26 03:22	1.718
Carbon tetrachloride	ND		5.4	1.8	ug/m3			02/12/26 03:22	1.718
Chlorobenzene	ND		4.0	1.3	ug/m3			02/12/26 03:22	1.718
Chloroethane	ND		9.1	3.0	ug/m3			02/12/26 03:22	1.718
Chloroform	**4.5**		4.2	1.4	ug/m3			02/12/26 03:22	1.718
Chloromethane	ND		18	5.9	ug/m3			02/12/26 03:22	1.718
cis-1,2-Dichloroethene	ND		3.4	1.2	ug/m3			02/12/26 03:22	1.718
cis-1,3-Dichloropropene	ND		3.9	1.3	ug/m3			02/12/26 03:22	1.718
Cumene	ND		4.2	1.4	ug/m3			02/12/26 03:22	1.718
Cyclohexane	ND		3.0	1.0	ug/m3			02/12/26 03:22	1.718
Dibromochloromethane	ND		7.3	2.5	ug/m3			02/12/26 03:22	1.718
Ethanol	ND		16	5.4	ug/m3			02/12/26 03:22	1.718
Ethylbenzene	ND		3.7	1.3	ug/m3			02/12/26 03:22	1.718
Freon 11	ND		4.8	1.6	ug/m3			02/12/26 03:22	1.718
Freon 113	ND		6.6	2.2	ug/m3			02/12/26 03:22	1.718
Freon 12	**1.6**	**J**	4.2	1.4	ug/m3			02/12/26 03:22	1.718
Freon-114	ND		6.0	2.0	ug/m3			02/12/26 03:22	1.718
Heptane	ND		3.5	1.2	ug/m3			02/12/26 03:22	1.718
Hexachlorobutadiene	ND		37	12	ug/m3			02/12/26 03:22	1.718
Hexane	ND		3.0	1.0	ug/m3			02/12/26 03:22	1.718
m,p-Xylene	ND		7.5	2.5	ug/m3			02/12/26 03:22	1.718
Methyl tert-butyl ether	ND		12	4.1	ug/m3			02/12/26 03:22	1.718
Methylene Chloride	ND		6.0	2.0	ug/m3			02/12/26 03:22	1.718
Naphthalene	ND		9.0	1.5	ug/m3			02/12/26 03:22	1.718
o-Xylene	ND		3.7	1.3	ug/m3			02/12/26 03:22	1.718
Propylbenzene	ND		4.2	1.4	ug/m3			02/12/26 03:22	1.718
Styrene	ND		3.7	1.2	ug/m3			02/12/26 03:22	1.718
Tetrachloroethene	**5.0**	**J**	5.8	2.0	ug/m3			02/12/26 03:22	1.718

Client Sample ID: 823-LFGP-7
Lab Sample ID: 650-4850-7

Date Collected: 01/22/26 11:47
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	ND		2.5	0.86	ug/m3			02/12/26 03:22	1.718
Toluene	**8.5**		6.5	2.1	ug/m3			02/12/26 03:22	1.718
trans-1,2-Dichloroethene	ND		3.4	1.2	ug/m3			02/12/26 03:22	1.718
trans-1,3-Dichloropropene	ND		3.9	1.3	ug/m3			02/12/26 03:22	1.718
Trichloroethene	ND		4.6	1.6	ug/m3			02/12/26 03:22	1.718
Vinyl chloride	ND		2.2	0.75	ug/m3			02/12/26 03:22	1.718

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/12/26 03:22*	*1.718*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 03:22*	*1.718*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 03:22*	*1.718*

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	0.000057	% v/v			02/13/26 14:26	1.718

Client Sample ID: 823-LFGP-8
Lab Sample ID: 650-4850-8

Date Collected: 01/22/26 12:45
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	1.5	ug/m3			02/12/26 03:53	1.566
1,1,2,2-Tetrachloroethane	ND		5.4	1.8	ug/m3			02/12/26 03:53	1.566
1,1,2-Trichloroethane	ND		4.3	1.5	ug/m3			02/12/26 03:53	1.566
1,1-Dichloroethane	ND		3.2	1.1	ug/m3			02/12/26 03:53	1.566
1,1-Dichloroethene	ND		3.1	1.1	ug/m3			02/12/26 03:53	1.566
1,2,4-Trichlorobenzene	ND		23	7.8	ug/m3			02/12/26 03:53	1.566
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			02/12/26 03:53	1.566
1,2-Dibromoethane (EDB)	ND		6.0	2.0	ug/m3			02/12/26 03:53	1.566
1,2-Dichlorobenzene	ND		4.7	1.6	ug/m3			02/12/26 03:53	1.566
1,2-Dichloroethane	ND		3.2	1.1	ug/m3			02/12/26 03:53	1.566
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			02/12/26 03:53	1.566
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			02/12/26 03:53	1.566
1,3-Butadiene	ND		1.7	0.59	ug/m3			02/12/26 03:53	1.566
1,3-Dichlorobenzene	ND		4.7	1.6	ug/m3			02/12/26 03:53	1.566
1,4-Dichlorobenzene	ND		4.7	1.6	ug/m3			02/12/26 03:53	1.566
1,4-Dioxane	ND		5.6	1.9	ug/m3			02/12/26 03:53	1.566
2,2,4-Trimethylpentane	**91**		3.7	1.2	ug/m3			02/12/26 03:53	1.566
2-Butanone (MEK)	**7.9**	**J**	9.2	3.1	ug/m3			02/12/26 03:53	1.566
2-Hexanone	ND		13	4.3	ug/m3			02/12/26 03:53	1.566
2-Propanol	**4.5**	**J**	7.7	2.6	ug/m3			02/12/26 03:53	1.566
3-Chloropropene	ND		2.5	0.83	ug/m3			02/12/26 03:53	1.566
4-Ethyltoluene	ND		3.8	1.3	ug/m3			02/12/26 03:53	1.566
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.1	ug/m3			02/12/26 03:53	1.566
Acetone	**17**	**J**	19	6.2	ug/m3			02/12/26 03:53	1.566
alpha-Chlorotoluene	ND		4.1	1.4	ug/m3			02/12/26 03:53	1.566
Benzene	**7.5**		2.5	0.85	ug/m3			02/12/26 03:53	1.566

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-8

Date Collected: 01/22/26 12:45
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-8

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		5.2	1.8	ug/m3			02/12/26 03:53	1.566
Bromoform	ND		8.1	2.8	ug/m3			02/12/26 03:53	1.566
Bromomethane	ND		6.1	2.0	ug/m3			02/12/26 03:53	1.566
Carbon disulfide	ND		9.8	3.3	ug/m3			02/12/26 03:53	1.566
Carbon tetrachloride	ND		4.9	1.7	ug/m3			02/12/26 03:53	1.566
Chlorobenzene	ND		3.6	1.2	ug/m3			02/12/26 03:53	1.566
Chloroethane	ND		8.3	2.8	ug/m3			02/12/26 03:53	1.566
Chloroform	ND		3.8	1.3	ug/m3			02/12/26 03:53	1.566
Chloromethane	ND		16	5.4	ug/m3			02/12/26 03:53	1.566
cis-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			02/12/26 03:53	1.566
cis-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/12/26 03:53	1.566
Cumene	ND		3.8	1.3	ug/m3			02/12/26 03:53	1.566
Cyclohexane	**3.0**		2.7	0.92	ug/m3			02/12/26 03:53	1.566
Dibromochloromethane	ND		6.7	2.3	ug/m3			02/12/26 03:53	1.566
Ethanol	ND		15	4.9	ug/m3			02/12/26 03:53	1.566
Ethylbenzene	ND		3.4	1.2	ug/m3			02/12/26 03:53	1.566
Freon 11	ND		4.4	1.5	ug/m3			02/12/26 03:53	1.566
Freon 113	**7.5**		6.0	2.0	ug/m3			02/12/26 03:53	1.566
Freon 12	ND		3.9	1.3	ug/m3			02/12/26 03:53	1.566
Freon-114	ND		5.5	1.9	ug/m3			02/12/26 03:53	1.566
Heptane	**1.9**	**J**	3.2	1.1	ug/m3			02/12/26 03:53	1.566
Hexachlorobutadiene	ND		33	11	ug/m3			02/12/26 03:53	1.566
Hexane	**5.2**		2.8	0.94	ug/m3			02/12/26 03:53	1.566
m,p-Xylene	ND		6.8	2.2	ug/m3			02/12/26 03:53	1.566
Methyl tert-butyl ether	ND		11	3.8	ug/m3			02/12/26 03:53	1.566
Methylene Chloride	ND		5.4	1.8	ug/m3			02/12/26 03:53	1.566
Naphthalene	ND		8.2	1.4	ug/m3			02/12/26 03:53	1.566
o-Xylene	ND		3.4	1.2	ug/m3			02/12/26 03:53	1.566
Propylbenzene	ND		3.8	1.3	ug/m3			02/12/26 03:53	1.566
Styrene	ND		3.3	1.1	ug/m3			02/12/26 03:53	1.566
Tetrachloroethene	ND		5.3	1.8	ug/m3			02/12/26 03:53	1.566
Tetrahydrofuran	ND		2.3	0.79	ug/m3			02/12/26 03:53	1.566
Toluene	**12**		5.9	1.9	ug/m3			02/12/26 03:53	1.566
trans-1,2-Dichloroethene	ND		3.1	1.1	ug/m3			02/12/26 03:53	1.566
trans-1,3-Dichloropropene	ND		3.6	1.2	ug/m3			02/12/26 03:53	1.566
Trichloroethene	ND		4.2	1.4	ug/m3			02/12/26 03:53	1.566
Vinyl chloride	ND		2.0	0.68	ug/m3			02/12/26 03:53	1.566

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/12/26 03:53*	*1.566*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*02/12/26 03:53*	*1.566*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 03:53*	*1.566*

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	**1.2**		0.00016	0.000052	% v/v			02/13/26 15:08	1.566

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-9
Date Collected: 01/22/26 12:25
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-9
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 04:24	1.643
1,1,2,2-Tetrachloroethane	ND		5.6	1.9	ug/m3			02/12/26 04:24	1.643
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 04:24	1.643
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 04:24	1.643
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 04:24	1.643
1,2,4-Trichlorobenzene	ND		24	8.2	ug/m3			02/12/26 04:24	1.643
1,2,4-Trimethylbenzene	ND		4.0	1.4	ug/m3			02/12/26 04:24	1.643
1,2-Dibromoethane (EDB)	ND		6.3	2.1	ug/m3			02/12/26 04:24	1.643
1,2-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 04:24	1.643
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 04:24	1.643
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			02/12/26 04:24	1.643
1,3,5-Trimethylbenzene	ND		4.0	1.4	ug/m3			02/12/26 04:24	1.643
1,3-Butadiene	ND		1.8	0.62	ug/m3			02/12/26 04:24	1.643
1,3-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 04:24	1.643
1,4-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/12/26 04:24	1.643
1,4-Dioxane	ND		5.9	2.0	ug/m3			02/12/26 04:24	1.643
2,2,4-Trimethylpentane	ND		3.8	1.3	ug/m3			02/12/26 04:24	1.643
2-Butanone (MEK)	**7.3**	**J**	9.7	3.2	ug/m3			02/12/26 04:24	1.643
2-Hexanone	ND		13	4.5	ug/m3			02/12/26 04:24	1.643
2-Propanol	ND		8.1	2.7	ug/m3			02/12/26 04:24	1.643
3-Chloropropene	ND		2.6	0.87	ug/m3			02/12/26 04:24	1.643
4-Ethyltoluene	ND		4.0	1.4	ug/m3			02/12/26 04:24	1.643
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.1	ug/m3			02/12/26 04:24	1.643
Acetone	**15**	**J**	20	6.5	ug/m3			02/12/26 04:24	1.643
alpha-Chlorotoluene	ND		4.3	1.4	ug/m3			02/12/26 04:24	1.643
Benzene	ND		2.6	0.89	ug/m3			02/12/26 04:24	1.643
Bromodichloromethane	ND		5.5	1.9	ug/m3			02/12/26 04:24	1.643
Bromoform	ND		8.5	2.9	ug/m3			02/12/26 04:24	1.643
Bromomethane	ND		6.4	2.1	ug/m3			02/12/26 04:24	1.643
Carbon disulfide	ND		10	3.4	ug/m3			02/12/26 04:24	1.643
Carbon tetrachloride	ND		5.2	1.8	ug/m3			02/12/26 04:24	1.643
Chlorobenzene	ND		3.8	1.3	ug/m3			02/12/26 04:24	1.643
Chloroethane	ND		8.7	2.9	ug/m3			02/12/26 04:24	1.643
Chloroform	ND		4.0	1.4	ug/m3			02/12/26 04:24	1.643
Chloromethane	ND		17	5.7	ug/m3			02/12/26 04:24	1.643
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 04:24	1.643
cis-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/12/26 04:24	1.643
Cumene	ND		4.0	1.4	ug/m3			02/12/26 04:24	1.643
Cyclohexane	ND		2.8	0.96	ug/m3			02/12/26 04:24	1.643
Dibromochloromethane	ND		7.0	2.4	ug/m3			02/12/26 04:24	1.643
Ethanol	ND		15	5.2	ug/m3			02/12/26 04:24	1.643
Ethylbenzene	ND		3.6	1.2	ug/m3			02/12/26 04:24	1.643
Freon 11	ND		4.6	1.6	ug/m3			02/12/26 04:24	1.643
Freon 113	**36**		6.3	2.1	ug/m3			02/12/26 04:24	1.643
Freon 12	**1.5**	**J**	4.1	1.4	ug/m3			02/12/26 04:24	1.643
Freon-114	ND		5.7	2.0	ug/m3			02/12/26 04:24	1.643
Heptane	ND		3.4	1.1	ug/m3			02/12/26 04:24	1.643
Hexachlorobutadiene	ND		35	12	ug/m3			02/12/26 04:24	1.643

Client Sample ID: 823-LFGP-9

Lab Sample ID: 650-4850-9

Date Collected: 01/22/26 12:25
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.9	0.98	ug/m3			02/12/26 04:24	1.643
m,p-Xylene	ND		7.1	2.4	ug/m3			02/12/26 04:24	1.643
Methyl tert-butyl ether	ND		12	4.0	ug/m3			02/12/26 04:24	1.643
Methylene Chloride	ND		5.7	1.9	ug/m3			02/12/26 04:24	1.643
Naphthalene	ND		8.6	1.5	ug/m3			02/12/26 04:24	1.643
o-Xylene	ND		3.6	1.2	ug/m3			02/12/26 04:24	1.643
Propylbenzene	ND		4.0	1.4	ug/m3			02/12/26 04:24	1.643
Styrene	ND		3.5	1.2	ug/m3			02/12/26 04:24	1.643
Tetrachloroethene	ND		5.6	1.9	ug/m3			02/12/26 04:24	1.643
Tetrahydrofuran	ND		2.4	0.82	ug/m3			02/12/26 04:24	1.643
Toluene	**8.4**		6.2	2.0	ug/m3			02/12/26 04:24	1.643
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 04:24	1.643
trans-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/12/26 04:24	1.643
Trichloroethene	ND		4.4	1.5	ug/m3			02/12/26 04:24	1.643
Vinyl chloride	ND		2.1	0.71	ug/m3			02/12/26 04:24	1.643

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/12/26 04:24*	*1.643*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 04:24*	*1.643*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/12/26 04:24*	*1.643*

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	**0.000054**	**J**	0.00016	0.000054	% v/v			02/13/26 15:32	1.643

Client Sample ID: 823-LFGP-10

Lab Sample ID: 650-4850-10

Date Collected: 01/22/26 12:32
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	1.4	ug/m3			02/12/26 04:55	1.537
1,1,2,2-Tetrachloroethane	ND		5.3	1.8	ug/m3			02/12/26 04:55	1.537
1,1,2-Trichloroethane	ND		4.2	1.4	ug/m3			02/12/26 04:55	1.537
1,1-Dichloroethane	ND		3.1	1.1	ug/m3			02/12/26 04:55	1.537
1,1-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 04:55	1.537
1,2,4-Trichlorobenzene	ND		23	7.6	ug/m3			02/12/26 04:55	1.537
1,2,4-Trimethylbenzene	ND		3.8	1.3	ug/m3			02/12/26 04:55	1.537
1,2-Dibromoethane (EDB)	ND		5.9	2.0	ug/m3			02/12/26 04:55	1.537
1,2-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/12/26 04:55	1.537
1,2-Dichloroethane	ND		3.1	1.1	ug/m3			02/12/26 04:55	1.537
1,2-Dichloropropane	ND		3.6	1.2	ug/m3			02/12/26 04:55	1.537
1,3,5-Trimethylbenzene	ND		3.8	1.3	ug/m3			02/12/26 04:55	1.537
1,3-Butadiene	ND		1.7	0.58	ug/m3			02/12/26 04:55	1.537
1,3-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/12/26 04:55	1.537
1,4-Dichlorobenzene	ND		4.6	1.6	ug/m3			02/12/26 04:55	1.537
1,4-Dioxane	ND		5.5	1.8	ug/m3			02/12/26 04:55	1.537
2,2,4-Trimethylpentane	ND		3.6	1.2	ug/m3			02/12/26 04:55	1.537

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-10
Date Collected: 01/22/26 12:32
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-10
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	**7.9**	**J**	9.1	3.0	ug/m3			02/12/26 04:55	1.537
2-Hexanone	ND		13	4.2	ug/m3			02/12/26 04:55	1.537
2-Propanol	ND		7.6	2.5	ug/m3			02/12/26 04:55	1.537
3-Chloropropene	ND		2.4	0.82	ug/m3			02/12/26 04:55	1.537
4-Ethyltoluene	ND		3.8	1.3	ug/m3			02/12/26 04:55	1.537
4-Methyl-2-pentanone (MIBK)	ND		3.1	1.1	ug/m3			02/12/26 04:55	1.537
Acetone	**16**	**J**	18	6.1	ug/m3			02/12/26 04:55	1.537
alpha-Chlorotoluene	ND		4.0	1.4	ug/m3			02/12/26 04:55	1.537
Benzene	ND		2.5	0.83	ug/m3			02/12/26 04:55	1.537
Bromodichloromethane	ND		5.1	1.8	ug/m3			02/12/26 04:55	1.537
Bromoform	ND		7.9	2.7	ug/m3			02/12/26 04:55	1.537
Bromomethane	ND		6.0	2.0	ug/m3			02/12/26 04:55	1.537
Carbon disulfide	ND		9.6	3.2	ug/m3			02/12/26 04:55	1.537
Carbon tetrachloride	ND		4.8	1.6	ug/m3			02/12/26 04:55	1.537
Chlorobenzene	ND		3.5	1.2	ug/m3			02/12/26 04:55	1.537
Chloroethane	ND		8.1	2.7	ug/m3			02/12/26 04:55	1.537
Chloroform	**1.8**	**J**	3.8	1.3	ug/m3			02/12/26 04:55	1.537
Chloromethane	ND		16	5.3	ug/m3			02/12/26 04:55	1.537
cis-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 04:55	1.537
cis-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			02/12/26 04:55	1.537
Cumene	ND		3.8	1.3	ug/m3			02/12/26 04:55	1.537
Cyclohexane	ND		2.6	0.90	ug/m3			02/12/26 04:55	1.537
Dibromochloromethane	ND		6.5	2.2	ug/m3			02/12/26 04:55	1.537
Ethanol	ND		14	4.8	ug/m3			02/12/26 04:55	1.537
Ethylbenzene	ND		3.3	1.1	ug/m3			02/12/26 04:55	1.537
Freon 11	ND		4.3	1.5	ug/m3			02/12/26 04:55	1.537
Freon 113	**26**		5.9	2.0	ug/m3			02/12/26 04:55	1.537
Freon 12	**1.5**	**J**	3.8	1.3	ug/m3			02/12/26 04:55	1.537
Freon-114	ND		5.4	1.8	ug/m3			02/12/26 04:55	1.537
Heptane	ND		3.1	1.1	ug/m3			02/12/26 04:55	1.537
Hexachlorobutadiene	ND		33	11	ug/m3			02/12/26 04:55	1.537
Hexane	ND		2.7	0.92	ug/m3			02/12/26 04:55	1.537
m,p-Xylene	ND		6.7	2.2	ug/m3			02/12/26 04:55	1.537
Methyl tert-butyl ether	ND		11	3.7	ug/m3			02/12/26 04:55	1.537
Methylene Chloride	ND		5.3	1.8	ug/m3			02/12/26 04:55	1.537
Naphthalene	ND		8.1	1.4	ug/m3			02/12/26 04:55	1.537
o-Xylene	ND		3.3	1.1	ug/m3			02/12/26 04:55	1.537
Propylbenzene	ND		3.8	1.3	ug/m3			02/12/26 04:55	1.537
Styrene	ND		3.3	1.1	ug/m3			02/12/26 04:55	1.537
Tetrachloroethene	ND		5.2	1.8	ug/m3			02/12/26 04:55	1.537
Tetrahydrofuran	ND		2.3	0.77	ug/m3			02/12/26 04:55	1.537
Toluene	**11**		5.8	1.9	ug/m3			02/12/26 04:55	1.537
trans-1,2-Dichloroethene	ND		3.0	1.0	ug/m3			02/12/26 04:55	1.537
trans-1,3-Dichloropropene	ND		3.5	1.2	ug/m3			02/12/26 04:55	1.537
Trichloroethene	ND		4.1	1.4	ug/m3			02/12/26 04:55	1.537
Vinyl chloride	ND		2.0	0.67	ug/m3			02/12/26 04:55	1.537

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/12/26 04:55*	*1.537*

Client Sample ID: 823-LFGP-10

Lab Sample ID: 650-4850-10

Date Collected: 01/22/26 12:32
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 04:55*	*1.537*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/12/26 04:55*	*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			02/13/26 16:01	1.537

Client Sample ID: 823-LFGP-DUP

Lab Sample ID: 650-4850-11

Date Collected: 01/22/26 10:27
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 05:26	1.653
1,1,2,2-Tetrachloroethane	ND		5.7	1.9	ug/m3			02/12/26 05:26	1.653
1,1,2-Trichloroethane	ND		4.5	1.5	ug/m3			02/12/26 05:26	1.653
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 05:26	1.653
1,1-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 05:26	1.653
1,2,4-Trichlorobenzene	ND		25	8.2	ug/m3			02/12/26 05:26	1.653
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/m3			02/12/26 05:26	1.653
1,2-Dibromoethane (EDB)	ND		6.4	2.2	ug/m3			02/12/26 05:26	1.653
1,2-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 05:26	1.653
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			02/12/26 05:26	1.653
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			02/12/26 05:26	1.653
1,3,5-Trimethylbenzene	ND		4.1	1.4	ug/m3			02/12/26 05:26	1.653
1,3-Butadiene	ND		1.8	0.62	ug/m3			02/12/26 05:26	1.653
1,3-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 05:26	1.653
1,4-Dichlorobenzene	ND		5.0	1.7	ug/m3			02/12/26 05:26	1.653
1,4-Dioxane	ND		6.0	2.0	ug/m3			02/12/26 05:26	1.653
2,2,4-Trimethylpentane	ND		3.9	1.3	ug/m3			02/12/26 05:26	1.653
2-Butanone (MEK)	**7.1**	**J**	9.8	3.3	ug/m3			02/12/26 05:26	1.653
2-Hexanone	ND		14	4.5	ug/m3			02/12/26 05:26	1.653
2-Propanol	ND		8.1	2.7	ug/m3			02/12/26 05:26	1.653
3-Chloropropene	ND		2.6	0.88	ug/m3			02/12/26 05:26	1.653
4-Ethyltoluene	ND		4.1	1.4	ug/m3			02/12/26 05:26	1.653
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.2	ug/m3			02/12/26 05:26	1.653
Acetone	**18**	**J**	20	6.6	ug/m3			02/12/26 05:26	1.653
alpha-Chlorotoluene	ND		4.3	1.5	ug/m3			02/12/26 05:26	1.653
Benzene	ND		2.6	0.90	ug/m3			02/12/26 05:26	1.653
Bromodichloromethane	ND		5.5	1.9	ug/m3			02/12/26 05:26	1.653
Bromoform	ND		8.5	2.9	ug/m3			02/12/26 05:26	1.653
Bromomethane	ND		6.4	2.1	ug/m3			02/12/26 05:26	1.653
Carbon disulfide	ND		10	3.4	ug/m3			02/12/26 05:26	1.653
Carbon tetrachloride	ND		5.2	1.8	ug/m3			02/12/26 05:26	1.653
Chlorobenzene	ND		3.8	1.3	ug/m3			02/12/26 05:26	1.653
Chloroethane	ND		8.7	2.9	ug/m3			02/12/26 05:26	1.653
Chloroform	ND		4.0	1.4	ug/m3			02/12/26 05:26	1.653
Chloromethane	ND		17	5.7	ug/m3			02/12/26 05:26	1.653

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-DUP
Date Collected: 01/22/26 10:27
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4850-11
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 05:26	1.653
cis-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			02/12/26 05:26	1.653
Cumene	ND		4.1	1.4	ug/m3			02/12/26 05:26	1.653
Cyclohexane	ND		2.8	0.97	ug/m3			02/12/26 05:26	1.653
Dibromochloromethane	ND		7.0	2.4	ug/m3			02/12/26 05:26	1.653
Ethanol	**6.8**	**J**	16	5.2	ug/m3			02/12/26 05:26	1.653
Ethylbenzene	ND		3.6	1.2	ug/m3			02/12/26 05:26	1.653
Freon 11	ND		4.6	1.6	ug/m3			02/12/26 05:26	1.653
Freon 113	ND		6.3	2.2	ug/m3			02/12/26 05:26	1.653
Freon 12	**1.9**	**J**	4.1	1.4	ug/m3			02/12/26 05:26	1.653
Freon-114	ND		5.8	2.0	ug/m3			02/12/26 05:26	1.653
Heptane	ND		3.4	1.2	ug/m3			02/12/26 05:26	1.653
Hexachlorobutadiene	ND		35	12	ug/m3			02/12/26 05:26	1.653
Hexane	ND		2.9	0.99	ug/m3			02/12/26 05:26	1.653
m,p-Xylene	ND		7.2	2.4	ug/m3			02/12/26 05:26	1.653
Methyl tert-butyl ether	ND		12	4.0	ug/m3			02/12/26 05:26	1.653
Methylene Chloride	ND		5.7	1.9	ug/m3			02/12/26 05:26	1.653
Naphthalene	ND		8.7	1.5	ug/m3			02/12/26 05:26	1.653
o-Xylene	ND		3.6	1.2	ug/m3			02/12/26 05:26	1.653
Propylbenzene	ND		4.1	1.4	ug/m3			02/12/26 05:26	1.653
Styrene	ND		3.5	1.2	ug/m3			02/12/26 05:26	1.653
Tetrachloroethene	**130**		5.6	1.9	ug/m3			02/12/26 05:26	1.653
Tetrahydrofuran	ND		2.4	0.83	ug/m3			02/12/26 05:26	1.653
Toluene	**9.2**		6.2	2.1	ug/m3			02/12/26 05:26	1.653
trans-1,2-Dichloroethene	ND		3.3	1.1	ug/m3			02/12/26 05:26	1.653
trans-1,3-Dichloropropene	ND		3.8	1.3	ug/m3			02/12/26 05:26	1.653
Trichloroethene	ND		4.4	1.5	ug/m3			02/12/26 05:26	1.653
Vinyl chloride	ND		2.1	0.72	ug/m3			02/12/26 05:26	1.653

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/12/26 05:26*	*1.653*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*02/12/26 05:26*	*1.653*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/12/26 05:26*	*1.653*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00017	0.000055	% v/v			02/13/26 16:50	1.653

Surrogate Summary

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

Job ID: 650-4850-1

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

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
650-4850-1	823-LFGP-1	104	97	99
650-4850-2	823-LFGP-2	105	99	99
650-4850-3	823-LFGP-3	102	97	99
650-4850-4	823-LFGP-4	102	96	99
650-4850-5	823-LFGP-5	103	98	101
650-4850-6	823-LFGP-6	103	97	98
650-4850-7	823-LFGP-7	102	97	99
650-4850-8	823-LFGP-8	103	96	99
650-4850-9	823-LFGP-9	103	97	101
650-4850-10	823-LFGP-10	103	97	99
650-4850-11	823-LFGP-DUP	103	97	101
LCS 650-10443/4	Lab Control Sample	105	97	101
LCSD 650-10443/5	Lab Control Sample Dup	104	98	100
MB 650-10443/6	Method Blank	103	98	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)

Lab Sample ID: MB 650-10443/6
Matrix: Air
Analysis Batch: 10443

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 13:28	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			02/11/26 13:28	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 13:28	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 13:28	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 13:28	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			02/11/26 13:28	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 13:28	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			02/11/26 13:28	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 13:28	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 13:28	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			02/11/26 13:28	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 13:28	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			02/11/26 13:28	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 13:28	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 13:28	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			02/11/26 13:28	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			02/11/26 13:28	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			02/11/26 13:28	1
2-Hexanone	ND		8.2	2.7	ug/m3			02/11/26 13:28	1
2-Propanol	ND		4.9	1.6	ug/m3			02/11/26 13:28	1
3-Chloropropene	ND		1.6	0.53	ug/m3			02/11/26 13:28	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			02/11/26 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			02/11/26 13:28	1
Acetone	ND		12	4.0	ug/m3			02/11/26 13:28	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			02/11/26 13:28	1
Benzene	ND		1.6	0.54	ug/m3			02/11/26 13:28	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			02/11/26 13:28	1
Bromoform	ND		5.2	1.8	ug/m3			02/11/26 13:28	1
Bromomethane	ND		3.9	1.3	ug/m3			02/11/26 13:28	1
Carbon disulfide	ND		6.2	2.1	ug/m3			02/11/26 13:28	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			02/11/26 13:28	1
Chlorobenzene	ND		2.3	0.78	ug/m3			02/11/26 13:28	1
Chloroethane	ND		5.3	1.8	ug/m3			02/11/26 13:28	1
Chloroform	ND		2.4	0.83	ug/m3			02/11/26 13:28	1
Chloromethane	ND		10	3.4	ug/m3			02/11/26 13:28	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 13:28	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 13:28	1
Cumene	ND		2.5	0.84	ug/m3			02/11/26 13:28	1
Cyclohexane	ND		1.7	0.59	ug/m3			02/11/26 13:28	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			02/11/26 13:28	1
Ethanol	ND		9.4	3.1	ug/m3			02/11/26 13:28	1
Ethylbenzene	ND		2.2	0.74	ug/m3			02/11/26 13:28	1
Freon 11	ND		2.8	0.96	ug/m3			02/11/26 13:28	1
Freon 113	ND		3.8	1.3	ug/m3			02/11/26 13:28	1
Freon 12	ND		2.5	0.84	ug/m3			02/11/26 13:28	1
Freon-114	ND		3.5	1.2	ug/m3			02/11/26 13:28	1
Heptane	ND		2.0	0.70	ug/m3			02/11/26 13:28	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			02/11/26 13:28	1

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

Lab Sample ID: MB 650-10443/6
Matrix: Air
Analysis Batch: 10443

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		1.8	0.60	ug/m3			02/11/26 13:28	1
m,p-Xylene	ND		4.3	1.4	ug/m3			02/11/26 13:28	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			02/11/26 13:28	1
Methylene Chloride	ND		3.5	1.1	ug/m3			02/11/26 13:28	1
Naphthalene	ND		5.2	0.89	ug/m3			02/11/26 13:28	1
o-Xylene	ND		2.2	0.74	ug/m3			02/11/26 13:28	1
Propylbenzene	ND		2.5	0.84	ug/m3			02/11/26 13:28	1
Styrene	ND		2.1	0.72	ug/m3			02/11/26 13:28	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			02/11/26 13:28	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			02/11/26 13:28	1
Toluene	ND		3.8	1.2	ug/m3			02/11/26 13:28	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 13:28	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 13:28	1
Trichloroethene	ND		2.7	0.91	ug/m3			02/11/26 13:28	1
Vinyl chloride	ND		1.3	0.43	ug/m3			02/11/26 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/11/26 13:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/11/26 13:28*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/11/26 13:28*	*1*

Lab Sample ID: LCS 650-10443/4
Matrix: Air
Analysis Batch: 10443

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	108	112		ug/m3		104	70 - 130
1,1,2,2-Tetrachloroethane	136	141		ug/m3		103	70 - 130
1,1,2-Trichloroethane	108	112		ug/m3		103	70 - 130
1,1-Dichloroethane	80.3	86.0		ug/m3		107	70 - 130
1,1-Dichloroethene	78.7	80.5		ug/m3		102	70 - 130
1,2,4-Trichlorobenzene	165	161		ug/m3		98	70 - 130
1,2,4-Trimethylbenzene	97.6	102		ug/m3		104	70 - 130
1,2-Dibromoethane (EDB)	153	154		ug/m3		101	70 - 130
1,2-Dichlorobenzene	119	119		ug/m3		100	70 - 130
1,2-Dichloroethane	80.3	72.6		ug/m3		90	70 - 130
1,2-Dichloropropane	91.7	83.7		ug/m3		91	70 - 130
1,3,5-Trimethylbenzene	97.6	101		ug/m3		103	70 - 130
1,3-Butadiene	43.9	49.5		ug/m3		113	70 - 130
1,3-Dichlorobenzene	119	118		ug/m3		99	70 - 130
1,4-Dichlorobenzene	119	119		ug/m3		99	70 - 130
1,4-Dioxane	71.5	64.8		ug/m3		91	70 - 130
2,2,4-Trimethylpentane	92.7	88.8		ug/m3		96	70 - 130
2-Butanone (MEK)	58.5	56.7		ug/m3		97	70 - 130
2-Hexanone	81.3	76.4		ug/m3		94	70 - 130
2-Propanol	48.8	52.8		ug/m3		108	70 - 130
3-Chloropropene	62.1	64.3		ug/m3		103	70 - 130
4-Ethyltoluene	97.6	103		ug/m3		106	70 - 130

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

Lab Sample ID: LCS 650-10443/4
Matrix: Air
Analysis Batch: 10443

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	81.3	76.6		ug/m3		94	70 - 130
Acetone	47.1	51.5		ug/m3		109	70 - 130
alpha-Chlorotoluene	103	111		ug/m3		108	70 - 130
Benzene	63.4	57.0		ug/m3		90	70 - 130
Bromodichloromethane	133	136		ug/m3		102	70 - 130
Bromoform	205	211		ug/m3		103	70 - 130
Bromomethane	77.1	83.5		ug/m3		108	70 - 130
Carbon disulfide	61.8	57.0		ug/m3		92	70 - 130
Carbon tetrachloride	125	128		ug/m3		102	70 - 130
Chlorobenzene	91.4	80.7		ug/m3		88	70 - 130
Chloroethane	52.4	56.0		ug/m3		107	70 - 130
Chloroform	96.9	88.4		ug/m3		91	70 - 130
Chloromethane	41.0	44.6		ug/m3		109	70 - 130
cis-1,2-Dichloroethene	78.7	80.1		ug/m3		102	70 - 130
cis-1,3-Dichloropropene	90.1	94.3		ug/m3		105	70 - 130
Cumene	97.6	91.1		ug/m3		93	70 - 130
Cyclohexane	68.3	66.4		ug/m3		97	70 - 130
Dibromochloromethane	169	177		ug/m3		104	70 - 130
Ethanol	44.1	41.4		ug/m3		94	70 - 130
Ethylbenzene	86.2	79.9		ug/m3		93	70 - 130
Freon 11	112	116		ug/m3		104	70 - 130
Freon 113	152	154		ug/m3		102	70 - 130
Freon 12	98.2	103		ug/m3		105	70 - 130
Freon-114	139	139		ug/m3		100	70 - 130
Heptane	81.4	76.4		ug/m3		94	70 - 130
Hexachlorobutadiene	235	188		ug/m3		80	70 - 130
Hexane	70.0	67.7		ug/m3		97	70 - 130
m,p-Xylene	86.2	79.5		ug/m3		92	70 - 130
Methyl tert-butyl ether	71.6	68.1		ug/m3		95	70 - 130
Methylene Chloride	68.9	63.2		ug/m3		92	70 - 130
Naphthalene	10.4	11.2		ug/m3		107	60 - 140
o-Xylene	86.2	79.2		ug/m3		92	70 - 130
Propylbenzene	97.6	102		ug/m3		105	70 - 130
Styrene	84.6	90.0		ug/m3		106	70 - 130
Tetrachloroethene	135	116		ug/m3		86	70 - 130
Tetrahydrofuran	58.5	56.2		ug/m3		96	70 - 130
Toluene	74.8	66.6		ug/m3		89	70 - 130
trans-1,2-Dichloroethene	78.7	75.3		ug/m3		96	70 - 130
trans-1,3-Dichloropropene	90.1	96.3		ug/m3		107	70 - 130
Trichloroethene	107	94.3		ug/m3		88	70 - 130
Vinyl chloride	50.7	57.0		ug/m3		112	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: LCSD 650-10443/5
Matrix: Air
Analysis Batch: 10443

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			108	115		ug/m3		106	70 - 130	2	25
1,1,2,2-Tetrachloroethane			136	144		ug/m3		106	70 - 130	2	25
1,1,2-Trichloroethane			108	114		ug/m3		106	70 - 130	2	25
1,1-Dichloroethane			80.3	86.9		ug/m3		108	70 - 130	1	25
1,1-Dichloroethene			78.7	81.0		ug/m3		103	70 - 130	1	25
1,2,4-Trichlorobenzene			165	169		ug/m3		102	70 - 130	5	25
1,2,4-Trimethylbenzene			97.6	103		ug/m3		106	70 - 130	1	25
1,2-Dibromoethane (EDB)			153	158		ug/m3		104	70 - 130	3	25
1,2-Dichlorobenzene			119	122		ug/m3		102	70 - 130	2	25
1,2-Dichloroethane			80.3	73.2		ug/m3		91	70 - 130	1	25
1,2-Dichloropropane			91.7	84.8		ug/m3		92	70 - 130	1	25
1,3,5-Trimethylbenzene			97.6	103		ug/m3		105	70 - 130	2	25
1,3-Butadiene			43.9	50.3		ug/m3		114	70 - 130	2	25
1,3-Dichlorobenzene			119	119		ug/m3		100	70 - 130	1	25
1,4-Dichlorobenzene			119	121		ug/m3		102	70 - 130	2	25
1,4-Dioxane			71.5	67.5		ug/m3		94	70 - 130	4	25
2,2,4-Trimethylpentane			92.7	91.3		ug/m3		98	70 - 130	3	25
2-Butanone (MEK)			58.5	58.2		ug/m3		99	70 - 130	3	25
2-Hexanone			81.3	79.5		ug/m3		98	70 - 130	4	25
2-Propanol			48.8	54.1		ug/m3		111	70 - 130	2	25
3-Chloropropene			62.1	65.9		ug/m3		106	70 - 130	2	25
4-Ethyltoluene			97.6	106		ug/m3		109	70 - 130	3	25
4-Methyl-2-pentanone (MIBK)			81.3	78.9		ug/m3		97	70 - 130	3	25
Acetone			47.1	52.7		ug/m3		112	70 - 130	2	25
alpha-Chlorotoluene			103	113		ug/m3		110	70 - 130	2	25
Benzene			63.4	58.4		ug/m3		92	70 - 130	2	25
Bromodichloromethane			133	140		ug/m3		105	70 - 130	3	25
Bromoform			205	215		ug/m3		105	70 - 130	2	25
Bromomethane			77.1	85.6		ug/m3		111	70 - 130	2	25
Carbon disulfide			61.8	57.8		ug/m3		93	70 - 130	1	25
Carbon tetrachloride			125	132		ug/m3		106	70 - 130	3	25
Chlorobenzene			91.4	82.6		ug/m3		90	70 - 130	2	25
Chloroethane			52.4	57.7		ug/m3		110	70 - 130	3	25
Chloroform			96.9	89.7		ug/m3		93	70 - 130	1	25
Chloromethane			41.0	45.9		ug/m3		112	70 - 130	3	25
cis-1,2-Dichloroethene			78.7	81.6		ug/m3		104	70 - 130	2	25
cis-1,3-Dichloropropene			90.1	95.9		ug/m3		106	70 - 130	2	25
Cumene			97.6	92.2		ug/m3		94	70 - 130	1	25
Cyclohexane			68.3	66.7		ug/m3		98	70 - 130	1	25
Dibromochloromethane			169	181		ug/m3		107	70 - 130	2	25
Ethanol			44.1	40.8		ug/m3		92	70 - 130	1	25
Ethylbenzene			86.2	81.4		ug/m3		94	70 - 130	2	25
Freon 11			112	117		ug/m3		105	70 - 130	1	25
Freon 113			152	155		ug/m3		102	70 - 130	1	25
Freon 12			98.2	105		ug/m3		107	70 - 130	2	25
Freon-114			139	140		ug/m3		101	70 - 130	1	25
Heptane			81.4	78.0		ug/m3		96	70 - 130	2	25
Hexachlorobutadiene			235	198		ug/m3		84	70 - 130	5	25

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

Lab Sample ID: LCSD 650-10443/5
Matrix: Air
Analysis Batch: 10443

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			70.0	68.5		ug/m3		98	70 - 130	1	25
m,p-Xylene			86.2	80.9		ug/m3		94	70 - 130	2	25
Methyl tert-butyl ether			71.6	69.0		ug/m3		96	70 - 130	1	25
Methylene Chloride			68.9	63.2		ug/m3		92	70 - 130	0	25
Naphthalene			10.4	11.7		ug/m3		113	60 - 140	5	25
o-Xylene			86.2	81.0		ug/m3		94	70 - 130	2	25
Propylbenzene			97.6	106		ug/m3		109	70 - 130	4	25
Styrene			84.6	92.5		ug/m3		109	70 - 130	3	25
Tetrachloroethene			135	119		ug/m3		88	70 - 130	3	25
Tetrahydrofuran			58.5	57.9		ug/m3		99	70 - 130	3	25
Toluene			74.8	67.0		ug/m3		90	70 - 130	1	25
trans-1,2-Dichloroethene			78.7	77.2		ug/m3		98	70 - 130	2	25
trans-1,3-Dichloropropene			90.1	98.7		ug/m3		110	70 - 130	3	25
Trichloroethene			107	96.6		ug/m3		91	70 - 130	2	25
Vinyl chloride			50.7	58.8		ug/m3		116	70 - 130	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 650-10701/3
Matrix: Air
Analysis Batch: 10701

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			02/13/26 10:31	1

Lab Sample ID: LCS 650-10701/2
Matrix: Air
Analysis Batch: 10701

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane			5.11	4.86		% v/v		95	85 - 115		

Lab Sample ID: LCSD 650-10701/19
Matrix: Air
Analysis Batch: 10701

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane			5.11	4.91		% v/v		96	85 - 115	1	25

QC Association Summary

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

Job ID: 650-4850-1

Air - GC/MS VOA

Analysis Batch: 10443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4850-1	823-LFGP-1	Total/NA	Air	TO-15	
650-4850-2	823-LFGP-2	Total/NA	Air	TO-15	
650-4850-3	823-LFGP-3	Total/NA	Air	TO-15	
650-4850-4	823-LFGP-4	Total/NA	Air	TO-15	
650-4850-5	823-LFGP-5	Total/NA	Air	TO-15	
650-4850-6	823-LFGP-6	Total/NA	Air	TO-15	
650-4850-7	823-LFGP-7	Total/NA	Air	TO-15	
650-4850-8	823-LFGP-8	Total/NA	Air	TO-15	
650-4850-9	823-LFGP-9	Total/NA	Air	TO-15	
650-4850-10	823-LFGP-10	Total/NA	Air	TO-15	
650-4850-11	823-LFGP-DUP	Total/NA	Air	TO-15	
MB 650-10443/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-10443/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-10443/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 10701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4850-1	823-LFGP-1	Total/NA	Air	D1946	
650-4850-2	823-LFGP-2	Total/NA	Air	D1946	
650-4850-3	823-LFGP-3	Total/NA	Air	D1946	
650-4850-4	823-LFGP-4	Total/NA	Air	D1946	
650-4850-5	823-LFGP-5	Total/NA	Air	D1946	
650-4850-6	823-LFGP-6	Total/NA	Air	D1946	
650-4850-7	823-LFGP-7	Total/NA	Air	D1946	
650-4850-8	823-LFGP-8	Total/NA	Air	D1946	
650-4850-9	823-LFGP-9	Total/NA	Air	D1946	
650-4850-10	823-LFGP-10	Total/NA	Air	D1946	
650-4850-11	823-LFGP-DUP	Total/NA	Air	D1946	
MB 650-10701/3	Method Blank	Total/NA	Air	D1946	
LCS 650-10701/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-10701/19	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

Client: S&ME Inc
Job ID: 650-4850-1
Project/Site: Durham Parks

Client Sample ID: 823-LFGP-1
Lab Sample ID: 650-4850-1
Date Collected: 01/22/26 11:13
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.865	10443	EF	Air Toxics	02/12/26 00:15
Total/NA	Analysis	D1946		1.865	10701	VRQ5	Air Toxics	02/13/26 11:36

Client Sample ID: 823-LFGP-2
Lab Sample ID: 650-4850-2
Date Collected: 01/22/26 10:37
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.806	10443	EF	Air Toxics	02/12/26 08:31
Total/NA	Analysis	D1946		3.323	10701	VRQ5	Air Toxics	02/13/26 12:19

Client Sample ID: 823-LFGP-3
Lab Sample ID: 650-4850-3
Date Collected: 01/22/26 10:57
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		2.911	10443	EF	Air Toxics	02/12/26 01:17
Total/NA	Analysis	D1946		2.911	10701	VRQ5	Air Toxics	02/13/26 12:46

Client Sample ID: 823-LFGP-4
Lab Sample ID: 650-4850-4
Date Collected: 01/22/26 10:27
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.865	10443	EF	Air Toxics	02/12/26 01:48
Total/NA	Analysis	D1946		1.865	10701	VRQ5	Air Toxics	02/13/26 13:11

Client Sample ID: 823-LFGP-5
Lab Sample ID: 650-4850-5
Date Collected: 01/22/26 12:09
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.643	10443	EF	Air Toxics	02/12/26 02:19
Total/NA	Analysis	D1946		1.643	10701	VRQ5	Air Toxics	02/13/26 13:34

Client Sample ID: 823-LFGP-6
Lab Sample ID: 650-4850-6
Date Collected: 01/22/26 12:04
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.575	10443	EF	Air Toxics	02/12/26 02:51
Total/NA	Analysis	D1946		1.575	10701	VRQ5	Air Toxics	02/13/26 14:01

Lab Chronicle

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

Job ID: 650-4850-1

Client Sample ID: 823-LFGP-7
Date Collected: 01/22/26 11:47
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4850-7
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.718	10443	EF	Air Toxics	02/12/26 03:22
Total/NA	Analysis	D1946		1.718	10701	VRQ5	Air Toxics	02/13/26 14:26

Client Sample ID: 823-LFGP-8
Date Collected: 01/22/26 12:45
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4850-8
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.566	10443	EF	Air Toxics	02/12/26 03:53
Total/NA	Analysis	D1946		1.566	10701	VRQ5	Air Toxics	02/13/26 15:08

Client Sample ID: 823-LFGP-9
Date Collected: 01/22/26 12:25
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4850-9
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.643	10443	EF	Air Toxics	02/12/26 04:24
Total/NA	Analysis	D1946		1.643	10701	VRQ5	Air Toxics	02/13/26 15:32

Client Sample ID: 823-LFGP-10
Date Collected: 01/22/26 12:32
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4850-10
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.537	10443	EF	Air Toxics	02/12/26 04:55
Total/NA	Analysis	D1946		1.537	10701	VRQ5	Air Toxics	02/13/26 16:01

Client Sample ID: 823-LFGP-DUP
Date Collected: 01/22/26 10:27
Date Received: 01/29/26 10:55

Lab Sample ID: 650-4850-11
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.653	10443	EF	Air Toxics	02/12/26 05:26
Total/NA	Analysis	D1946		1.653	10701	VRQ5	Air Toxics	02/13/26 16:50

Laboratory References:

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 650-4850-1
Project/Site: Durham Parks

Laboratory: Eurofins Environment Testing Northern California, Air Toxics

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

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

Method Summary

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

Job ID: 650-4850-1

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

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

Job ID: 650-4850-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-4850-1	823-LFGP-1	Air	01/22/26 11:13	01/29/26 10:55	Air Canister (6-Liter) #6L3568
650-4850-2	823-LFGP-2	Air	01/22/26 10:37	01/29/26 10:55	Air Canister (6-Liter) #6L1290
650-4850-3	823-LFGP-3	Air	01/22/26 10:57	01/29/26 10:55	Air Canister (6-Liter) #6L0313
650-4850-4	823-LFGP-4	Air	01/22/26 10:27	01/29/26 10:55	Air Canister (6-Liter) #6L0239
650-4850-5	823-LFGP-5	Air	01/22/26 12:09	01/29/26 10:55	Air Canister (6-Liter) #6L1482
650-4850-6	823-LFGP-6	Air	01/22/26 12:04	01/29/26 10:55	Air Canister (6-Liter) #6L0698
650-4850-7	823-LFGP-7	Air	01/22/26 11:47	01/29/26 10:55	Air Canister (6-Liter) #6L1600
650-4850-8	823-LFGP-8	Air	01/22/26 12:45	01/29/26 10:55	Air Canister (6-Liter) #6L1893
650-4850-9	823-LFGP-9	Air	01/22/26 12:25	01/29/26 10:55	Air Canister (6-Liter) #6L1641
650-4850-10	823-LFGP-10	Air	01/22/26 12:32	01/29/26 10:55	Air Canister (6-Liter) #6L1439
650-4850-11	823-LFGP-DUP	Air	01/22/26 10:27	01/29/26 10:55	Air Canister (6-Liter) #6L0581

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

Canister Samples Chain of Custody Record

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3/5/2026 (Rev. 1)

| | | |

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

Canister Samples Chain of Custody Record

eurofins | Environment Testing

Client Contact Information	Client Project Manager: Whittaker, Brian	Samples Collected By: Logan Hester	COC No: 650-2118-436.1
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	Analysis Turnaround Time		
Site/Location: East End	Standard (Specific): X		Job / SDG No.:
P O #: Purchase Order not required	Rush (Specify):		(See below for Add'l Items)

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	TO15_STD - (MOD) TO-15 + Neph	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):
01A	823 - LF6P-1	1/22/26	1013	1/22/26	1113	27	6	23563	6L3568	X				
02A	823 - LF6P-2		0945		1037	25	5	23941	6L1290	X				
03A	823 - LF6P-3		0957		1057	28	11	26680	6L0313	X				
04A	823 - LF6P-4		0927		1027	30	11	26259	6L0239	X				
05A	823 - LF6P-5		1109		1209	30	7	23375	6L1482	X				
~~06A~~	~~823 - LF6P-6~~		~~1104~~		~~1204~~	~~30~~	~~7~~	~~23343~~	~~6L0706~~	X				
~~07A~~	~~823 - LF6P-7~~		~~1047~~		~~1147~~	~~29~~	~~5~~	~~23416~~	~~6L0495~~	X				
08A	823 - LF6P-8		1150		1245	29	8	23218	6L1893	X				
09A	823 - LF6P-9		1125		1225	28	6	24563	6L1641	X				
10A	823 - LF6P-10		1132		1232	30	8	23406	6L1439	X				
11A	823 - LF6P-DUP	↓	0927	↓	1027	26	5	23457	6L0581	X				
06A	823 - LF6P-6	1/22/26	1104	1/22/26	1204	30	7	23343	6L0698	X				

650-4850-02 COC

MA

MA

JLP 3/4/26

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Fedex	Date / Time:	Samples Received by:	
Samples Relinquished by:	Date / Time: 1/27/26 1230	Received by:	
Relinquished by:	Date / Time:	Received by: 2/4/26 1031	

Fed Ex

Revised COC 3/3/26

Ver: 10/10/2024

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

Canister Samples Chain of Custody Record 4850

eurofins | Environment Testing

| | | |

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-4850-1

Login Number: 4850
List Number: 1
Creator: Lachappelle, Loren

List Source: Eurofins Environment Testing Northern California, Air Toxics

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

Summa Canister Dilution Worksheet

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

Job No.: 650-4850-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
650-4850-2	6	-11.5971	0.61	3.67	1.90405	1.13	6.78		1.84	1.84	M10102	02/13/26 12:29	JW

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Appendix IV – Historical Laboratory Data Tables (Groundwater, Soil Gas, Surface Water and Sediment)

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-12A

Analytical Method	Analyte	CAS Number	Sample ID / Date Collected	LFGP-1				LFGP-2				LFGP-3				LFGP-4				LFGP-5				LFGP-6				LFGP-7				LFGP-8				LFGP-9				LFGP-10			
				5/9/2025	11/12/2025	12/29/2025	1/22/2026	5/9/2025	11/12/2025	12/29/2025	1/22/2026	5/9/2025	11/12/2025	12/29/2025	1/22/2026	5/8/2025	11/12/2025	12/29/2025	1/22/2026	5/8/2025	11/12/2025	12/29/2025	1/22/2026	5/8/2025	11/12/2025	12/29/2025	1/22/2026	5/8/2025	11/12/2025	12/29/2025	1/22/2026	5/8/2025	11/13/2025	12/29/2025	1/22/2026	5/8/2025	11/13/2025	12/29/2025	1/22/2026	5/8/2025	11/13/2025	12/29/2025	1/22/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	Acetone	67-64-1		ND	ND	**16 J**	**34**	ND	ND	**11 J**	**47**	ND	ND	**20**	**29 J**	ND	ND	**19**	**15 J**	ND	ND	ND	**14 J**	ND	ND	**14 J**	**16 J**	ND	ND	ND	**17 J**	ND	ND	**13 J**	**17 J**	ND	ND	**9.7 J**	**15 J**	ND	ND	**8.2 J**	**16 J**
	Benzene	71-43-2		**20**	ND	ND	ND	**25**	ND	ND	**2.3 J**	**44**	ND	ND	ND	**6.1**	ND	ND	ND	**20**	**13**	ND	**5.4**	**12**	ND	ND	ND	ND	ND	ND	ND	ND	**15**	**5.9**	**7.5**	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Disulfide	75-15-0		ND	ND	ND	ND	**53**	ND	ND	ND	**66**	ND	ND	ND	**6.1**	ND	ND	ND	**24**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	75-00-3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.7 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	67-66-3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.6**	**5.6**	**4.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8.8**	**2.8 J**	**1.8 J**
	Cyclohexane	110-82-7		ND	ND	ND	ND	**32 J**	ND	ND	**2.9 J**	ND	ND	ND	ND	**4.9 J**	ND	ND	ND	**220**	**180**	**120**	**99**	**4.1 J**	ND	ND	ND	**320**	ND	ND	ND	ND	**7.3**	**3.4**	**3**	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	541-73-1		**110**	ND	ND	ND	**770**	ND	ND	ND	**760**	ND	ND	ND	**26**	ND	ND	ND	**33 J**	ND	ND	ND	**16**	ND	ND	ND	**1100**	ND	ND	ND	**1400**	ND	ND	ND	**320**	ND	ND	ND	**720**	ND	ND	ND
	4-Ethyltoluene	622-96-8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dioxane	123-91-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	64-17-5		ND	ND	ND	**15**	ND	ND	ND	**30**	ND	ND	**6.7 J**	ND	ND	ND	**9.0 J**	ND	ND	ND	ND	ND	ND	ND	**8.4 J**	ND	ND	ND	**7.1 J**	ND	ND	ND	**18**	ND	ND	ND	ND	ND	ND	ND	ND
	Ethyl acetate	141-78-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	100-41-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.3**	ND	**3.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane (Freon 11)	75-69-4		ND	ND	ND	ND	ND	ND	ND	**1.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.1 J**	ND	ND	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon 12)	75-71-8		ND	ND	**2.4 J**	**1.8 J**	ND	ND	**2.2 J**	**3.7 J**	ND	ND	**2.7 J**	ND	ND	ND	**2.0 J**	**1.9 J**	ND	ND	ND	**1.8 J**	ND	ND	**1.8 J**	**1.5 J**	ND	ND	**2.0 J**	**1.6 J**	ND	ND	**1.9 J**	ND	ND	ND	**1.5 J**	**1.5 J**	ND	ND	**1.6 J**	**1.5 J**
	Heptane	142-82-5		ND	ND	ND	ND	**96**	ND	ND	**2.7 J**	ND	**120**	ND	**66**	ND	ND	ND	ND	**63**	**45**	**17 J**	**19**	ND	ND	ND	ND	ND	ND	ND	ND	**3.7**	**1.6 J**	**1.9 J**	ND	ND	ND	ND	ND	ND	ND	ND
	Hexane	110-54-3		ND	ND	ND	ND	**480**	ND	ND	**8.4**	ND	**390**	**1.3 J**	**300**	**34**	ND	ND	ND	**160**	**100**	**84**	**63**	**4.4 J**	ND	ND	ND	ND	ND	ND	ND	ND	**10**	**7.0**	**5.2**	ND	ND	ND	ND	ND	ND	ND	ND
	Isopropylbenzene	98-82-8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12**	ND	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-pentanone (MIBK)	108-10-1		ND	ND	ND	ND	ND	ND	ND	ND	**48 J**	ND	ND	ND	**21 J**	ND	ND	ND	**41 J**	ND	ND	ND	**47**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.5**	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene Chloride	75-09-2		ND	ND	ND	ND	**170**	ND	ND	**13**	ND	ND	ND	ND	**160**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.7 J**	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	108-38-3; 106-42-3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16**	**11 J**	**6.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	95-47-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**15 J**	ND	ND	**6.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Propylene	115-07-1		**25**	ND	ND	ND	**810**	ND	ND	ND	**13**	ND	ND	ND	**12**	ND	ND	ND	**110**	ND	ND	ND	**4.5**	ND	ND	ND	**230**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Propanol	67-63-0		ND	ND	**3.1 J**	**5.4 J**	ND	ND	ND	**4.4 J**	ND	ND	**3.1 J**	ND	ND	ND	**3.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.6**	**4.5 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone (MEK)	78-93-3		ND	ND	ND	**12**	ND	ND	ND	**14**	**33**	ND	ND	**12 J**	**3.3 J**	**250**	ND	**6.6 J**	ND	ND	ND	**7.3 J**	**5.6**	ND	ND	**7.8 J**	ND	ND	ND	**8.3 J**	ND	ND	ND	**7.9 J**	ND	ND	ND	**7.3 J**	**19 J**	ND	ND	**7.9 J**
	Tetrachloroethene (PCE)	127-18-4		**68 J**	**9.4**	**22**	**45**	ND	**1300**	**730**	**510**	ND	**8.0**	ND	ND	**82**	ND	**190**	**130**	**22**	ND	ND	ND	ND	ND	ND	ND	ND	**7.0**	**6.2**	**5 J**	ND	ND	ND	ND	ND	ND	ND	**5.4**	ND	ND	**7.3**	ND
	Tetrahydrofuran	109-99-9		ND	ND	ND	ND	ND	ND	ND	**1.4 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.2 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	108-88-3		ND	ND	**8.9**	**9.6**	**840**	ND	**2.8 J**	**15**	ND	ND	**9.8**	**17**	ND	ND	**7.3**	**10**	**95**	**11**	ND	**12**	**3.7 J**	ND	**7.9**	**8.5**	**57 J**	ND	**2.0 J**	**8.5**	ND	ND	**13**	**12**	ND	ND	ND	**8.4**	ND	ND	**2.1 J**	**11**
	Trichloroethylene	79-01-6		ND	ND	ND	ND	ND	**6.0**	**2.5 J**	**2.3 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4- Trimethylbenzene	95-63-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12**	ND	**2.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5- Trimethylbenzene	108-67-8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14**	ND	**3.2 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.7 J**	ND	ND	ND	ND	**86**	**90**	**75**	**57**	ND	ND	ND	ND	ND	**16**	**6.1**	**7.5**	ND	**62**	**52**	**36**	ND	**53**	**34**	**26**
	2,2,4-Trimethylpentane	540-84-1		ND	ND	ND	ND	ND	ND	ND	**4.1 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**54**	**35**	**33**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**300**	**68**	**91**	ND	ND	ND	ND	ND	ND	ND	ND
ASTM D5504 (µg/m³)	Hydrogen Sulfide	7783-06-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**87**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NIOSH 6009 (µg/m³)	Mercury	7439-97-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Method Modified ASTM D-1946 (%)	Methane	74-82-8		ND	**0.00023**	**0.00017 J**	**0.00021**	ND	ND	ND	**0.00021 J**	ND	0.11	**0.0190**	**0.031**	ND	ND	ND	ND	**0.31**	**14**	**10**	**9.4**	ND	ND	ND	**0.00011 J**	ND	ND	ND	ND	**1.5**	**1.3**	**1.0**	**1.2**	ND	ND	ND	**0.000054 J**	ND	ND	ND	ND
NCDEQ Risk Calculator Values	Vapor Intrusion Residential Worker Soil Gas To Indoor Air — Cumulative Carcinogenic Risk			1.8E-06	2.6E-08	6.1E-08	1.3E-07	3.6E-06	4.0E-06	2.00E-06	1.8E-06	0.0E+00	8.6E-07	0.0E+00	0.0E+00	2.5E-07	7.8E-07	5.80E-07	3.60E-07	1.7E-06	1.5E-06	0.0E+00	5.5E-07	1.0E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-06	0.0E+00	1.1E-06	0.0E+00	1.3E-06	0.0E+00	6.3E-07	NE	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-06	2.0E-08	4.4E-07
	Vapor Intrusion Residential Worker Soil Gas To Indoor Air — Non-Carcinogenic Hazard Quotient			5.40E-02	6.8E-03	1.7E-02	3.4E-02	4.7E-01	1.0E+00	5.3E-01	4.1E-01	2.80E-03	3.3E-02	1.3E-03	1.7E-02	6.3E-02	2.0E-01	1.50E-01	9.4E-02	5.4E-02	1.3E+00	8.4E-03	1.5E-02	1.2E-02	5.2E-04	0.0E+00	8.5E-04	3.1E-03	1.2E-01	5.9E-04	7.1E-02	4.7E-01	1.5E-02	6.2E-04	8.4E-03	NE	3.6E-04	7.3E-04	7.3E-04	1.1E-04	1.3E-01	5.9E-03	2.7E-02
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air — Cumulative Carcinogenic Risk			1.5E-07	2.0E-09	4.7E-09	9.5E-09	2.5E-07	3.0E-07	1.5E-07	1.3E-07	0.0E+00	6.5E-08	0.0E+00	0.0E+00	1.7E-08	5.9E-08	4.5E-08	2.8E-08	1.3E-07	1.2E-07	0.0E+00	4.2E-08	7.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07	0.0E+00	8.5E-08	0.0E+00	9.5E-08	0.0E+00	4.8E-08	NE	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07	1.5E-09	3.4E-08
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air — Non-Carcinogenic Hazard Quotient			4.3E-03	5.4E-04	1.3E-03	2.7E-03	3.7E-02	8.1E-02	4.2E-02	3.2E-02	2.2E-04	2.6E-03	1.0E-04	1.4E-03	5.0E-03	1.6E-02	1.20E-02	7.5E-03	4.3E-03	1.0E-01	6.7E-04	1.2E-03	9.4E-04	4.1E-05	0.0E+00	6.8E-05	2.5E-04	9.5E-03	4.7E-05	5.6E-03	3.8E-02	1.2E-03	4.9E-05	6.6E-04	NE	2.8E-05	5.8E-05	5.8E-05	8.7E-06	1.0E-02	4.7E-04	2.2E-03

µg/m³: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version).
Exceeds the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
NCDEQ Risk Calculator Values shown in red exceed risk.
ND: Not Detected
J: Estimated value.

Surface Water Sample Analytical Results Summary
City of Durham Parks - East End Park (NONCD0000823)
1200 N. Alston Avenue, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-12A

Analytical Method		Method 8270E - SVOCs (µg/L)		Method 8260D - Volatile Organic Compounds (VOCs) (µg/L)										Method 6020B - Metals (µg/L)											Method 7470A (µg/L)	Method 350.1 (µg/L)	Method 353.2 (µg/L)	Method 9056A (µg/L)		NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		117-87-7	123-91-1	67-64-1	76-13-1	71-55-6	67-66-3	105-60-2	79-01-6	156-59-2	75-01-4	75-34-3	108-88-3	7440-38-2	7440-39-3	7440-43-9	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-22-4	7440-62-2	7440-66-6	7439-97-6	7664-41-7	7664-41-7	14797-55-8	14808-79-8		
Analyte																															
Sample ID	Date Collected	Di-n-butyl phthalate	1,4- Dioxane	Acetone	1,1,2-Trichloro-1,2,2-Trichloroethane	1,1,1- Trichloroethane	Chloroform	Caprolactam	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1- Dichloroethane	Toluene	Arsenic	Barium	Cadmium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Silver	Vanadium	Zinc	Mercury	Ammonia as (N)	Nitrite as N	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
SW-1	5/5/2025	ND	ND	**10.4 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.02 J**	**38.5**	ND	ND	ND	**11.3**	**6.51**	**75.8**	**2.47 J**	**0.207 J**	**4.26 J**	**30.5**	ND	**129**	ND	**509**	**6,960**	1.8E-06	7.2E-02
SW-1	10/14/2025	**5.97 J B**	ND	ND	ND	ND	**1.04**	ND	ND	ND	ND	ND	ND	ND	**40.4**	ND	ND	ND	**2.44**	**2.72**	**316**	**0.901 J**	ND	**2.67 J B**	**24.1**	**0.182 J**	**238**	ND	**91 J**	**36,400**	2.5E-06	8.3E+00
SW-1	12/15/2025	ND	ND	ND	ND	ND	**0.277 J**	ND	ND	ND	ND	ND	ND	ND	**25.8**	ND	ND	ND	**2.61**	ND	**37.5**	ND	ND	ND	**23.9**	ND	**87 J**	ND	ND	**54,600**	9.1E-09	1.6E-02
SW-1	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**167**	ND	ND	**0.523 J**	**3.53**	**1.44**	**327**	**1.99 J**	ND	ND	**36.6**	ND	**380**	**137**	**398**	**20,700**	0.0E+00	1.5E-01
SW-2	5/5/2025	ND	ND	**10.9 J**	ND	ND	ND	**2.94 J**	ND	ND	ND	ND	ND	**1.48 J**	**36.2**	ND	ND	ND	**11.20**	**6.61**	**73**	**2.23 J**	ND	**3.81 J**	**33.3**	ND	**164**	ND	**399**	**6,160**	1.3E-06	6.2E-02
SW-2	10/14/2025	**5.46 J B**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**41.3**	ND	ND	ND	**1.89 J**	**1.78**	**183**	**0.909 J**	ND	**2.37 J B**	ND	**0.255**	**69**	ND	ND	**34,700**	4.1E-08	8.4E-02
SW-2	12/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**26.0**	ND	ND	ND	**1.26 J**	ND	**35.6**	**0.947 J**	ND	ND	**17.6**	ND	**70 J**	ND	ND	**53,000**	0.0E+00	1.5E-02
SW-2	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**183**	ND	ND	ND	**3.11**	ND	**274**	**4.77 J**	ND	ND	**30.2**	ND	**369**	**43.5 J**	**420**	**21,500**	0.0E+00	1.2E-01
SW-3	5/5/2025	ND	ND	**12.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33.4**	ND	ND	**0.709 J**	**11.7**	**8.04**	**78.5**	**2.83 J**	ND	**4.74 J**	**35.4**	ND	**176**	ND	**341**	**5,310**	0.0E+00	5.5E-02
SW-3	10/14/2025	**5.44 J B**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.35**	ND	**42.1**	ND	ND	ND	**2.14**	**1.8**	**257.0**	**1.05 J**	ND	**2.47 J B**	**11.3**	**0.169 J**	**55**	ND	ND	**32,900**	4.1E-08	1.1E-01
SW-3	12/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**25.4**	ND	ND	ND	**2.32**	ND	**30.2**	ND	ND	ND	**13.9**	ND	**51 J**	ND	ND	**52,400**	0.0E+00	1.3E-02
SW-3	2/3/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**174.0**	ND	ND	ND	**2.54**	ND	**129**	**2.67 J**	ND	ND	**25**	ND	**360**	**43.5 J**	**434**	**39000 F1**	0.0E+00	6.0E-02
SW-4	5/5/2025	ND	ND	**12.3 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**37.7**	ND	**3.83 J**	**1.03 J**	**13.7**	**11.9**	**113.0**	**3.97 J**	ND	**5.38**	**42.9**	**0.172 J**	**176**	ND	**312**	**4,820**	0.0E+00	7.5E-02
SW-4	10/14/2025	**5.24 J B**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**35.3**	ND	ND	ND	**2.48**	ND	**143**	**1.26 J**	ND	**2.33 J B**	ND	ND	ND	ND	**96 J**	**41,100**	3.9E-08	6.3E-02
SW-4	12/15/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**27.1**	ND	ND	ND	**1.60 J**	ND	**24.7**	**0.539 J**	ND	ND	**12.4**	ND	**31 J**	ND	ND	**52,400**	0.0E+00	1.1E-02
SW-4	2/3/2026	ND	ND	ND	ND	ND	ND	**7.11 J**	ND	ND	ND	ND	**0.375 J**	ND	**160**	ND	ND	ND	**3.22**	ND	**136**	**2.04 J**	ND	ND	**27.6**	ND	**359**	**27.9 J**	**447**	**38,800**	0.0E+00	6.1E-02
SW-5	5/5/2025	ND	ND	ND	**0.862 J**	ND	ND	ND	ND	**2.07**	ND	**0.689 J**	ND	**1.33 J**	**67**	**0.248 J**	ND	ND	**3.94**	**1.38**	**199**	**2.54 J**	ND	**1.83 J**	**13**	**0.267**	**97**	ND	**3640**	**25,300**	1.2E-06	1.3E-01
SW-5	10/14/2025	**5.52 J B**	ND	ND	**1.19**	**0.224 J**	ND	ND	ND	**0.599 J**	ND	ND	ND	ND	**39.3**	ND	ND	ND	**2.98**	**2.42**	**100**	**1.24 J**	ND	**2.92 J B**	**10.5**	ND	ND	ND	ND	**13,900**	4.1E-08	5.1E-02
SW-5	12/15/2025	ND	ND	ND	**0.633 J**	ND	ND	ND	ND	**1.31**	ND	ND	ND	ND	**39.6**	ND	ND	ND	**2.73**	ND	**65.2**	**1.06 J**	ND	ND	**18.9**	ND	**31 J**	ND	ND	**49900 F1**	0.0E+00	3.2E-02
SW-5	2/3/2026	ND	ND	**6.43 J**	**1.61 J**	ND	ND	**7.34 J**	**0.393 J**	**3.68**	ND	**0.256 J**	ND	ND	**123**	ND	ND	ND	**3.64**	**0.952 J**	**136**	**2.36 J**	ND	ND	**108**	ND	**786**	**80.2 J**	**511**	**51,400**	4.2E-08	8.2E-02
SW-6	5/5/2025	ND	ND	**12.5 J**	ND	ND	ND	**2.75**	ND	**0.752 J**	ND	ND	ND	**2.65 J**	**66.7**	ND	**8.5**	**3.55 J**	**19.80**	**22.2**	**213**	**8.55**	ND	**12**	**69.2**	**0.184 J**	**192**	ND	**403**	**30,500**	2.5E-06	2.1E-01
SW-6	10/14/2025	**5.17 J B**	**0.361**	ND	**1.45**	ND	ND	ND	ND	**0.711 J**	ND	ND	ND	ND	**37**	ND	ND	ND	**2.39**	ND	**134**	**1.24 J**	ND	**2.52 J B**	ND	ND	ND	ND	**14,200**	**14,100**	5.9E-08	1.0E-01
SW-6	12/15/2025	ND	ND	ND	**1.83 J**	ND	ND	ND	ND	**2.55**	**0.411 J**	**0.368 J**	ND	ND	**52.4**	ND	ND	ND	**1.43 J**	ND	**82.3**	**1.19 J**	ND	ND	**22.7**	ND	**37 J**	ND	ND	**46,800**	7.7E-06	9.0E-02
SW-6	2/3/2026	ND	ND	**7.34 J**	**2.62 J**	ND	ND	ND	**0.51 J**	**4.48**	**0.596 J**	**0.367 J**	**0.241 J**	ND	**118**	ND	ND	ND	**4.27**	**2.2**	**145**	**5.87**	ND	ND	**132**	ND	**800**	**88.5 J**	**517**	**53,900**	1.3E-05	9.6E-02
SW-7	5/5/2025	ND	ND	**14.1 J**	ND	ND	ND	ND	**0.348 J**	**2.11**	ND	ND	ND	**2.8 J**	**59.4**	ND	**7.12**	**2.72 J**	**17.4**	**19.8**	**175**	**6.79**	ND	**10.3**	**62.6**	**0.245**	**205**	ND	**375**	**17,400**	2.5E-06	2.1E-01
SW-7	10/14/2025	**5.74 J B**	ND	ND	**1.93**	**0.287 J**	ND	ND	ND	**0.741 J**	ND	ND	ND	ND	**37.6**	ND	ND	ND	**2.57**	ND	**165**	**0.985 J**	ND	**2.54 J B**	**13.3**	ND	**54**	ND	**14**	**15,300**	4.3E-08	7.5E-02
SW-7	12/15/2025	ND	ND	ND	**2.59 J**	ND	ND	ND	**0.272 J**	**3.44**	**0.707 J**	**0.462 J**	ND	ND	**54.6**	ND	ND	ND	**1.65 J**	ND	**89.6**	**1.30 J**	ND	ND	**24.3**	ND	**49 J**	ND	**113**	**46,700**	1.3E-05	5.5E-02
SW-7	2/3/2026	ND	ND	**6.38 J**	**2.59 J**	ND	ND	ND	**0.608 J**	**4.63**	**0.649 J**	**0.335 J**	ND	ND	**125**	ND	ND	**0.641 J**	**5.9**	**3.34**	**181**	**3.12 J**	ND	**1.61 J**	**155**	ND	**798**	**91.1 J**	**514**	**53,400**	1.2E-05	1.2E-01
SW-8	5/5/2025	ND	ND	ND	ND	ND	ND	ND	**0.343**	**2.16**	ND	ND	ND	**2.26 J**	**55.4**	ND	**5.22**	**1.22 J**	**12.8**	**7.46**	**99.9**	**4.93 J**	ND	**7.62**	**40.9**	ND	**126**	ND	**369**	**8,740**	2.0E-06	1.2E-01
SW-8	10/14/2025	**5.39 J B**	ND	ND	**2.25**	**0.369 J**	ND	ND	ND	**0.923 J**	ND	ND	ND	ND	**36.2**	ND	ND	ND	**2.42**	ND	**124**	**1.09 J**	ND	**2.32 J B**	ND	ND	ND	ND	ND	**15,700**	4.0E-08	5.9E-02
SW-8	12/15/2025	ND	**0.318**	ND	**2.49 J**	ND	ND	ND	**0.264 J**	**3.63**	**0.788 J**	**0.309 J**	ND	ND	**53.4**	ND	ND	ND	**2.04**	ND	**83.5**	**1.50 J**	ND	ND	**26.4**	ND	**44 J**	ND	ND	**46,500**	1.5E-02	5.3E-02
SW-8	2/3/2026	ND	**0.59**	**7.26 J**	**2.13 J**	ND	ND	**7.46 J**	**0.516 J**	**4.67**	**0.654 J**	ND	**0.208 J**	ND	**125**	ND	ND	ND	**4.01**	ND	**142**	**2.46 J**	ND	ND	**133**	ND	**839**	**89.4 J**	**533**	**54,500**	1.2E-05	9.2E-02
SW-9	5/5/2025	ND	ND	ND	ND	ND	ND	ND	**0.271 J**	**2.05**	ND	ND	ND	**1.99 J**	**56.6**	ND	**3.77 J**	**1.04 J**	**12.1**	**6.51**	**99.2**	**4.48 J**	ND	**6.2**	**49.5**	ND	**123**	ND	**381**	**9,240**	1.8E-06	1.1E-01
SW-9	10/14/2025	**5.02 J B**	ND	ND	**2.74**	**0.329 J**	ND	ND	ND	**1,06**	**0.593 J**	ND	ND	ND	**35.9**	ND	ND	ND	**3.08**	**1.13**	**82.2**	**1.01 J**	ND	**2.46 J B**	ND	ND	ND	ND	ND	**16,200**	1.1E-05	4.7E-02
SW-9	12/15/2025	ND	**0.385**	ND	**2.59 J**	ND	ND	ND	**0.213 J**	**3.98**	**1.15**	ND	ND	ND	**53.4**	ND	ND	ND	**2.03**	ND	**70.8**	**1.40 J**	ND	ND	**30.6**	ND	**64 J**	ND	ND	**47,100**	2.1E-05	5.0E-02
SW-9	2/3/2026	ND	**0.698**	**7.21 J**	**2.69 J**	ND	ND	**7.22 J**	**0.673 J**	**4.97**	**0.715 J**	ND	**0.25 J**	ND	**117**	ND	ND	ND	**3.84**	**1.01**	**130**	**2.23 J**	ND	ND	**125**	ND	**843**	**93.1 J**	**543**	**53,400**	1.3E-05	9.1E-02
15A NCAC 2B Surface Water		NE	NE	NE	NE	NE	NE	NE	2.5	NE	0.025	NE	11	10	1,000	0.25	0.25	NE	2.7	0.45	NE	16	0.30	NE	36	0.012	NE	10,000	10,000	250,000		

Notes:
µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
Compound not in the NCDEQ Risk Calculator, compound was not entered.
Compound not detected above the MDL and the MDL is greater than the respective screening level. Value is not included in risk calculations.
ND: Not Detected
J: Estimated value less than the reporting limit but greater than the method detection limit.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RPD exceeds control limits.
H: Sample was prepped or analyzed beyond the specified holding time.
NE: Standard Not Established

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

Analyte / Sample ID	Date Collected	Chloroform	Tetrachloroethene	Trichloroethene	Methyl tert-butyl ether	Caprolactam	Phenol	Phenanthrene	Anthracene	Di(2-ethylhexyl) phthalate	Fluoranthene	Fluorene	Acenaphthene	Antimony	Arsenic	Barium	Beryllium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Mercury	Ammonia Nitrogen	Nitrite as (N)	Nitrate as (N)	Sulfate
MW-1	6/2/2025	ND	ND	ND	ND	ND	**ND**	ND	ND	ND	ND	ND	ND	**0.345 J**	**1.88 J**	**163**	ND	ND	**0.355 J**	**1.21 J**	**4.32**	**53.5**	**1.14 J**	**2.6 J**	**6.95 J B**	ND	ND	ND	ND	**2,910**
MW-1	10/13/2025	ND	ND	ND	ND	**4.94 J**	ND	ND	ND	ND	ND	ND	ND	ND	**2.02 J**	**157**	ND	ND	ND	**0.923 J B**	**1.62**	**68.3 B**	**0.952 J**	**3.05 J B**	ND	ND	ND	ND	**13 J**	**2,230**
MW-1	12/5/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.16 J ^+**	**179**	**0.517 J**	ND	ND	ND	ND	**17.7**	**0.561 J**	ND	ND	ND	ND	ND	**79 J**	**4790 J**
MW-1	1/22/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.64 J**	**144**	ND	ND	ND	ND	ND	**3.96 J**	ND	ND	ND	ND	ND	ND	**68 J**	**1980**
MW-2	5/30/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.97 J**	**422**	ND	ND	**1.43**	ND	ND	**845**	**0.82 J**	ND	ND	ND	ND	ND	**808**	**10,600**
MW-2	10/13/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**590**	ND	ND	ND	**1.29 J B**	**0.938 J**	**202 B**	**1.35 J**	**4.73 J B**	**12.4**	ND	ND	ND	ND	**10,200**
MW-2	12/5/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**665**	**0.537 J**	ND	**0.411 J ^+**	ND	ND	**19.2**	**2.37 J ^+**	**2.75 J**	ND	ND	ND	**85 J**	**50 J**	**9940 F2 F1**
MW-2	1/22/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**572**	ND	ND	ND	ND	ND	**182**	ND	**1.48 J**	ND	ND	ND	ND	ND	**10,400**
MW-3	5/30/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.29 J**	**336**	**0.375 J**	ND	**0.98**	**7.78**	**1.98 J**	**56.1**	**2.41 J**	**3.85 J**	**6.39 J**	ND	ND	ND	ND	**6,800**
MW-3	10/13/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**205**	ND	**7.61**	**0.601 J**	**3.62 B**	**1.08**	**45.4 B**	**2.15 J**	**4.25 J B**	**34.7**	ND	**306**	ND	**34 J**	**13,100**
MW-3	12/5/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.13 J**	ND	**218**	**0.390 J**	**14.1**	**0.415 J ^+**	**3.12**	ND	**20.5**	**1.05 J ^+**	**3.04 J**	ND	ND	**548**	ND	ND	**11,600**
MW-3	1/22/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**94.9**	ND	**7.62**	ND	**2.45**	ND	**11**	ND	**2.46 J**	ND	ND	ND	**797**	ND	**11,600**
MW-4	6/2/2025	ND	ND	ND	**1.08**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.03 J**	**574**	ND	ND	**1.18**	**1.28 J**	**0.56 J**	**276**	**3.75 J**	**2.4 J**	**5.14 J B**	ND	ND	ND	**402**	**6,740**
MW-4	10/13/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**327**	**0.696 J**	**6.16**	**4.01 J**	**18.3 B**	**2.2**	**461 B**	**11.1**	**13.8 B**	**240**	ND	**59**	**110**	**153**	**8,150**
MW-4	12/9/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**29.1**	ND	**4.12 J**	ND	**25.5**	ND	**10.4**	**5.28**	**3.09 J**	**84.6**	ND	ND	ND	ND	**6,090**
MW-4	1/22/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**516**	ND	ND	ND	**3.41**	ND	**381**	**4.06 J**	**2.28 J**	**33**	ND	ND	ND	**1060**	**7,940**
MW-5	5/30/2025	ND	ND	**0.212 J**	ND	ND	ND	**2.32 J**	ND	ND	ND	**0.694 J**	**1.28 J**	**0.535 J**	**1.77 J**	**361**	ND	ND	**3.95**	**3.7 J**	**0.335 J**	**3410**	**1.13 J**	**3.35 J**	**52.8**	ND	**950**	ND	ND	**3,260**
MW-5	10/24/2025	ND	ND	ND	ND	ND	ND	ND	**1.26 J**	**5.60 J B**	**0.835 J**	**4.65 J**	**7.89 J**	ND	**4.43 J**	**263 B**	ND	ND	**1.02 J B**	ND	ND	**3360**	ND	ND	**59.6**	ND	**2360**	ND	**51 J**	**4,260**
MW-5	12/9/2025	ND	ND	ND	ND	ND	ND	**2.51 J**	ND	ND	ND	**2.56 J**	**5.24 J**	ND	**3.69 J**	**449**	ND	ND	**3.27 J**	ND	ND	**3750**	**0.655 J**	ND	**17.4**	ND	**1770**	ND	ND	**2,690**
MW-5	1/22/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.38 J**	**2.62 J**	ND	**3.23 J**	**417**	ND	ND	**2.6 J**	ND	ND	**3550**	**0.782 J**	ND	**13.4**	ND	**424**	ND	**59 J**	**2,310**
MW-6	6/2/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.13**	**714**	ND	ND	**2.18**	**1.67 J**	**3.38**	**1870**	**1.37 J**	**2.06 J**	**24.8 B**	ND	**4,940**	ND	ND	**832 J**
MW-6	10/13/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8.54**	**701**	ND	ND	**1.71 J**	**2.41 B**	**4.32**	**2180 B**	**1.94 J**	**4.49 J B**	**20.2**	ND	**6450**	**31.3 J**	**37.7 J**	**504 J**
MW-6	12/5/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.98**	**805**	**0.460 J**	ND	**1.11 J ^+**	**0.815 J ^+**	ND	**2570**	**1.43 J ^+**	ND	**10.6**	ND	**5460**	ND	**77 J**	**2340 J**
MW-6	1/22/2026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.55**	**739**	ND	ND	**0.987 J**	ND	**0.881 J**	**2510**	**0.668 J**	**1.22 J**	ND	ND	**409**	ND	**53 J**	ND
MW-7	5/30/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**482**	ND	ND	**0.595**	ND	ND	**109**	**1.94 J**	**1.55 J**	**3.15 J**	ND	ND	ND	**25,000 E**	**3,720**
MW-7	10/14/2025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**417 B**	ND	ND	**0.531 J B**	ND	ND	**59.9**	**1.07 J B**	**2.02 J**	ND	**0.226**	ND	**85.7 J**	**15,100**	**3,520**
MW-7	12/5/2025	ND	**0.387 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**543**	**0.497 J**	ND	**1.05 J ^+**	ND	ND	**158**	**2.21 J ^+**	**2.15 J**	ND	ND	ND	ND	**20,000**	**3110 J**
MW-7	1/22/2026	**0.294 J**	**0.604 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**425**	ND	ND	**0.536 J**	**0.83 J**	ND	**88.7**	**1.64 J**	**2.68 J**	ND	ND	ND	**459**	**16,500**	**2,730**
MW-8	5/30/2025	ND	ND	ND	**16.7**	**54.6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**363**	ND	ND	**1.49**	ND	ND	**311**	**6.05**	**1.37 J**	**5.79 J**	ND	ND	ND	ND	**25,600**
MW-8	10/13/2025	ND	ND	ND	**17.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.53 J**	**1440**	ND	ND	**1.62 J**	**2.00 B**	ND	**3130 B**	**2.87 J**	**5.59 B**	**15.7**	ND	ND	ND	**25 J**	**545 J**
MW-8	12/5/2025	ND	ND	ND	**11.1**	ND	**1.22 J**	ND	ND	ND	ND	ND	ND	ND	**2.54 J ^+**	**1010**	**0.595 J**	ND	ND	ND	ND	**1490**	**0.733 J**	ND	ND	ND	ND	ND	**80 J**	**15700**
MW-8	1/22/2026	ND	ND	ND	**11.7**	ND	**5.27 J I**	ND	ND	ND	ND	ND	ND	ND	**2.17 J**	**883**	ND	ND	ND	ND	ND	**1590**	ND	ND	ND	ND	ND	ND	ND	**5910**
15A NCAC 2L Groundwater Standards & IMACs		70	0.7	3	20	4,000	30	200	2,000	3	300	300	80	1	10	700	4	10	1	1,000	15	50	100	7	1,000	1	1,500	1,000	10,000	250,000

µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
ND: Not Detected
NA: Not Analyzed.
J: Estimated value less than the reporting limit but greater than the method detection limit.
H: Sample was prepped or analyzed beyond the specified holding time.
B: Compound was found in blank and sample.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RDP exceeds control limits.
*+: LCS and/or LCSD is outside acceptance limits, high biased.

Sediment Sample Analytical Results Summary
City of Durham Parks - East End Park (NONCE0000823)
1200 N. Alston Avenue, Durham, Durham County, North Carolina
S&ME Project No. 2305036

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

Appendix V – NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
34		67-64-1	Acetone			ug/m^3	LFGP-1									
1.8	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1									
5.4	J	67-63-0	Isopropanol			ug/m^3	LFGP-1									
12		78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-1									
45		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-1									
9.6		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	1.3E-07	3.4E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	9.5E-09	2.7E-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	34	1.02	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.054	-	2.1E+01		5.2E-04
67-63-0	Isopropanol	5.4	0.162	-	4.2E+01		7.8E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12	0.36	-	1.0E+03		6.9E-05
127-18-4	Tetrachloroethylene	45	1.35	1.1E+01	8.3E+00	1.3E-07	3.2E-02
108-88-3	Toluene	9.6	0.288	-	1.0E+03		5.5E-05
					Cumulative:	1.3E-07	3.4E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	34	0.34	-	-		
75-71-8	Dichlorodifluoromethane	1.8	0.018	-	8.8E+01		4.1E-05
67-63-0	Isopropanol	5.4	0.054	-	1.8E+02		6.2E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12	0.12	-	4.4E+03		5.5E-06
127-18-4	Tetrachloroethylene	45	0.45	4.7E+01	3.5E+01	9.5E-09	2.6E-03
108-88-3	Toluene	9.6	0.096	-	4.4E+03		4.4E-06
					Cumulative:	9.5E-09	2.7E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
47		67-64-1	Acetone			ug/m^3	LFGP-2									
2.3	J	71-43-2	Benzene			ug/m^3	LFGP-2									
2.9	J	110-82-7	Cyclohexane			ug/m^3	LFGP-2									
3.7	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2									
1.4	J	109-99-9	~Tetrahydrofuran			ug/m^3	LFGP-2									
2.7	J	142-82-5	Heptane, N-			ug/m^3	LFGP-2									
8.4		110-54-3	Hexane, N-			ug/m^3	LFGP-2									
4.4	J	67-63-0	Isopropanol			ug/m^3	LFGP-2									
14		78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-2									
13		75-09-2	Methylene Chloride			ug/m^3	LFGP-2									
510		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-2									
15		108-88-3	Toluene			ug/m^3	LFGP-2									
2.3	J	79-01-6	Trichloroethylene			ug/m^3	LFGP-2									
1.8	J	75-69-4	Trichlorofluoromethane			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	1.8E-06	4.1E-01	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.3E-07	3.2E-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	47	1.41	-	-		
71-43-2	Benzene	2.3	0.069	3.6E-01	6.3E+00	1.9E-07	2.2E-03
110-82-7	Cyclohexane	2.9	0.087	-	1.3E+03		1.4E-05
75-71-8	Dichlorodifluoromethane	3.7	0.111	-	2.1E+01		1.1E-03
109-99-9	~Tetrahydrofuran	1.4	0.042	-	4.2E+02		2.0E-05
142-82-5	Heptane, N-	2.7	0.081	-	8.3E+01		1.9E-04
110-54-3	Hexane, N-	8.4	0.252	-	1.5E+02		3.5E-04
67-63-0	Isopropanol	4.4	0.132	-	4.2E+01		6.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	14	0.42	-	1.0E+03		8.1E-05
75-09-2	Methylene Chloride	13	0.39	1.0E+02	1.3E+02	3.8E-09	6.2E-04
127-18-4	Tetrachloroethylene	510	15.3	1.1E+01	8.3E+00	**1.4E-06**	**3.7E-01**
108-88-3	Toluene	15	0.45	-	1.0E+03		8.6E-05
79-01-6	Trichloroethylene	2.3	0.069	4.8E-01	4.2E-01	1.4E-07	3.3E-02
75-69-4	Trichlorofluoromethane	1.8	0.054	-	-		

Cumulative:	1.8E-06	4.1E-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	47	0.47	-	-		
71-43-2	Benzene	2.3	0.023	1.6E+00	2.6E+01	1.5E-08	1.8E-04
110-82-7	Cyclohexane	2.9	0.029	-	5.3E+03		1.1E-06
75-71-8	Dichlorodifluoromethane	3.7	0.037	-	8.8E+01		8.4E-05
109-99-9	~Tetrahydrofuran	1.4	0.014	-	1.8E+03		1.6E-06
142-82-5	Heptane, N-	2.7	0.027	-	3.5E+02		1.5E-05
110-54-3	Hexane, N-	8.4	0.084	-	6.1E+02		2.7E-05
67-63-0	Isopropanol	4.4	0.044	-	1.8E+02		5.0E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	14	0.14	-	4.4E+03		6.4E-06
75-09-2	Methylene Chloride	13	0.13	1.2E+03	5.3E+02	1.1E-10	4.9E-05
127-18-4	Tetrachloroethylene	510	5.1	4.7E+01	3.5E+01	1.1E-07	2.9E-02
108-88-3	Toluene	15	0.15	-	4.4E+03		6.8E-06
79-01-6	Trichloroethylene	2.3	0.023	3.0E+00	1.8E+00	7.7E-09	2.6E-03
75-69-4	Trichlorofluoromethane	1.8	0.018	-	-		
					Cumulative:	1.3E-07	3.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
29	J	67-64-1	Acetone			ug/m^3	LFGP-3									
66		142-82-5	Heptane, N-			ug/m^3	LFGP-3									
300		110-54-3	Hexane, N-			ug/m^3	LFGP-3									
12	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-3									
17		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	1.7E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.4E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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	29	0.87	-	-		
142-82-5	Heptane, N-	66	1.98	-	8.3E+01		4.7E-03
110-54-3	Hexane, N-	300	9	-	1.5E+02		1.2E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12	0.36	-	1.0E+03		6.9E-05
108-88-3	Toluene	17	0.51	-	1.0E+03		9.8E-05
					Cumulative:	0.0E+00	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-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	29	0.29	-	-		
142-82-5	Heptane, N-	66	0.66	-	3.5E+02		3.8E-04
110-54-3	Hexane, N-	300	3	-	6.1E+02		9.8E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12	0.12	-	4.4E+03		5.5E-06
108-88-3	Toluene	17	0.17	-	4.4E+03		7.8E-06
					Cumulative:	0.0E+00	1.4E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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:

Duplicate was taken at LFGP-4. The higher concentration is shown.

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
18	J	67-64-1	Acetone			ug/m^3	LFGP-4/DUP									
1.9	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-4/DUP									
7.1	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-4/DUP									
130		127-18-4	Tetrachloroethylene			ug/m^3	LFGP-4/DUP									
10		108-88-3	Toluene			ug/m^3	LFGP-4/DUP									

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	3.6E-07	9.4E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	2.8E-08	7.5E-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-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	18	0.54	-	-		
75-71-8	Dichlorodifluoromethane	1.9	0.057	-	2.1E+01		5.5E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.1	0.213	-	1.0E+03		4.1E-05
127-18-4	Tetrachloroethylene	130	3.9	1.1E+01	8.3E+00	3.6E-07	9.3E-02
108-88-3	Toluene	10	0.3	-	1.0E+03		5.8E-05
					Cumulative:	3.6E-07	9.4E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	18	0.18	-	-		
75-71-8	Dichlorodifluoromethane	1.9	0.019	-	8.8E+01		4.3E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.1	0.071	-	4.4E+03		3.2E-06
127-18-4	Tetrachloroethylene	130	1.3	4.7E+01	3.5E+01	2.8E-08	7.4E-03
108-88-3	Toluene	10	0.1	-	4.4E+03		4.6E-06
					Cumulative:	2.8E-08	7.5E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
14	J	67-64-1	Acetone			ug/m^3	LFGP-5									
5.4		71-43-2	Benzene			ug/m^3	LFGP-5									
4		98-82-8	Cumene			ug/m^3	LFGP-5									
99		110-82-7	Cyclohexane			ug/m^3	LFGP-5									
3.7	J	75-00-3	Ethyl Chloride (Chloroethane)			ug/m^3	LFGP-5									
3.9		100-41-4	Ethylbenzene			ug/m^3	LFGP-5									
19		142-82-5	Heptane, N-			ug/m^3	LFGP-5									
63		110-54-3	Hexane, N-			ug/m^3	LFGP-5									
7.1	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-5									
12		108-88-3	Toluene			ug/m^3	LFGP-5									
2.9	J	95-63-6	Trimethylbenzene, 1,2,4-			ug/m^3	LFGP-5									
3.2	J	108-67-8	Trimethylbenzene, 1,3,5-			ug/m^3	LFGP-5									
6.3		95-47-6	Xylene, o-			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	5.5E-07	1.5E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.2E-08	1.2E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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
67-64-1	Acetone	14	0.42	-	-		
71-43-2	Benzene	5.4	0.162	3.6E-01	6.3E+00	4.5E-07	5.2E-03
98-82-8	Cumene	4	0.12	-	8.3E+01		2.9E-04
110-82-7	Cyclohexane	99	2.97	-	1.3E+03		4.7E-04
75-00-3	Ethyl Chloride (Chloroethane)	3.7	0.111	-	8.3E+02		2.7E-05
100-41-4	Ethylbenzene	3.9	0.117	1.1E+00	2.1E+02	1.0E-07	1.1E-04
142-82-5	Heptane, N-	19	0.57	-	8.3E+01		1.4E-03
110-54-3	Hexane, N-	63	1.89	-	1.5E+02		2.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.1	0.213	-	1.0E+03		4.1E-05
108-88-3	Toluene	12	0.36	-	1.0E+03		6.9E-05
95-63-6	Trimethylbenzene, 1,2,4-	2.9	0.087	-	1.3E+01		1.4E-03
108-67-8	Trimethylbenzene, 1,3,5-	3.2	0.096	-	1.3E+01		1.5E-03
95-47-6	Xylene, o-	6.3	0.189	-	2.1E+01		1.8E-03
					Cumulative:	5.5E-07	1.5E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	14	0.14	-	-		
71-43-2	Benzene	5.4	0.054	1.6E+00	2.6E+01	3.4E-08	4.1E-04
98-82-8	Cumene	4	0.04	-	3.5E+02		2.3E-05
110-82-7	Cyclohexane	99	0.99	-	5.3E+03		3.8E-05
75-00-3	Ethyl Chloride (Chloroethane)	3.7	0.037	-	3.5E+03		2.1E-06
100-41-4	Ethylbenzene	3.9	0.039	4.9E+00	8.8E+02	8.0E-09	8.9E-06
142-82-5	Heptane, N-	19	0.19	-	3.5E+02		1.1E-04
110-54-3	Hexane, N-	63	0.63	-	6.1E+02		2.1E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.1	0.071	-	4.4E+03		3.2E-06
108-88-3	Toluene	12	0.12	-	4.4E+03		5.5E-06
95-63-6	Trimethylbenzene, 1,2,4-	2.9	0.029	-	5.3E+01		1.1E-04
108-67-8	Trimethylbenzene, 1,3,5-	3.2	0.032	-	5.3E+01		1.2E-04
95-47-6	Xylene, o-	6.3	0.063	-	8.8E+01		1.4E-04
					Cumulative:	4.2E-08	1.2E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
16	J	67-64-1	Acetone			ug/m^3										
1.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3										
7.8	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3										
8.5		108-88-3	Toluene			ug/m^3										
57		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^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-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	8.5E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	6.8E-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-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	16	0.48	-	-		
75-71-8	Dichlorodifluoromethane	1.5	0.045	-	2.1E+01		4.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.8	0.234	-	1.0E+03		4.5E-05
108-88-3	Toluene	8.5	0.255	-	1.0E+03		4.9E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	57	1.71	-	1.0E+03		3.3E-04
					Cumulative:	0.0E+00	8.5E-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	16	0.16	-	-		
75-71-8	Dichlorodifluoromethane	1.5	0.015	-	8.8E+01		3.4E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.8	0.078	-	4.4E+03		3.6E-06
108-88-3	Toluene	8.5	0.085	-	4.4E+03		3.9E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	57	0.57	-	4.4E+03		2.6E-05
					Cumulative:	0.0E+00	6.8E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
17	J	67-64-1	Acetone			ug/m^3	LFGP-7									
4.5		67-66-3	Chloroform			ug/m^3	LFGP-7									
1.6	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-7									
8.3	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-7									
5	J	127-18-4	Tetrachloroethylene			ug/m^3	LFGP-7									
8.5		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	1.1E-06	7.1E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	8.5E-08	5.6E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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
67-64-1	Acetone	17	0.51	-	-		
67-66-3	Chloroform	4.5	0.135	1.2E-01	4.1E-01	**1.1E-06**	6.6E-02
75-71-8	Dichlorodifluoromethane	1.6	0.048	-	2.1E+01		4.6E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	8.3	0.249	-	1.0E+03		4.8E-05
127-18-4	Tetrachloroethylene	5	0.15	1.1E+01	8.3E+00	1.4E-08	3.6E-03
108-88-3	Toluene	8.5	0.255	-	1.0E+03		4.9E-05
					Cumulative:	1.1E-06	7.1E-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
67-64-1	Acetone	17	0.17	-	-		
67-66-3	Chloroform	4.5	0.045	5.3E-01	1.7E+00	8.4E-08	5.3E-03
75-71-8	Dichlorodifluoromethane	1.6	0.016	-	8.8E+01		3.7E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	8.3	0.083	-	4.4E+03		3.8E-06
127-18-4	Tetrachloroethylene	5	0.05	4.7E+01	3.5E+01	1.1E-09	2.9E-04
108-88-3	Toluene	8.5	0.085	-	4.4E+03		3.9E-06
					Cumulative:	8.5E-08	5.6E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
17	J	67-64-1	Acetone			ug/m^3	LFGP-8									
7.5		71-43-2	Benzene			ug/m^3	LFGP-8									
3		110-82-7	Cyclohexane			ug/m^3	LFGP-8									
1.9	J	142-82-5	Heptane, N-			ug/m^3	LFGP-8									
5.2		110-54-3	Hexane, N-			ug/m^3	LFGP-8									
4.5	J	67-63-0	Isopropanol			ug/m^3	LFGP-8									
7.9	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-8									
12		108-88-3	Toluene			ug/m^3	LFGP-8									
7.5		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			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	6.3E-07	8.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.8E-08	6.6E-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-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	17	0.51	-	-		
71-43-2	Benzene	7.5	0.225	3.6E-01	6.3E+00	6.3E-07	7.2E-03
110-82-7	Cyclohexane	3	0.09	-	1.3E+03		1.4E-05
142-82-5	Heptane, N-	1.9	0.057	-	8.3E+01		1.4E-04
110-54-3	Hexane, N-	5.2	0.156	-	1.5E+02		2.1E-04
67-63-0	Isopropanol	4.5	0.135	-	4.2E+01		6.5E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.9	0.237	-	1.0E+03		4.5E-05
108-88-3	Toluene	12	0.36	-	1.0E+03		6.9E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	7.5	0.225	-	1.0E+03		4.3E-05
					Cumulative:	6.3E-07	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-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	17	0.17	-	-		
71-43-2	Benzene	7.5	0.075	1.6E+00	2.6E+01	4.8E-08	5.7E-04
110-82-7	Cyclohexane	3	0.03	-	5.3E+03		1.1E-06
142-82-5	Heptane, N-	1.9	0.019	-	3.5E+02		1.1E-05
110-54-3	Hexane, N-	5.2	0.052	-	6.1E+02		1.7E-05
67-63-0	Isopropanol	4.5	0.045	-	1.8E+02		5.1E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.9	0.079	-	4.4E+03		3.6E-06
108-88-3	Toluene	12	0.12	-	4.4E+03		5.5E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	7.5	0.075	-	4.4E+03		3.4E-06
					Cumulative:	4.8E-08	6.6E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
15	J	67-64-1	Acetone			ug/m^3	LFGP-9									
1.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-9									
7.3	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-9									
8.4		108-88-3	Toluene			ug/m^3	LFGP-9									
36		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	15	0.45	-	-		
75-71-8	Dichlorodifluoromethane	1.5	0.045	-	2.1E+01		4.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.3	0.219	-	1.0E+03		4.2E-05
108-88-3	Toluene	8.4	0.252	-	1.0E+03		4.8E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	36	1.08	-	1.0E+03		2.1E-04
					Cumulative:	0.0E+00	7.3E-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-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	15	0.15	-	-		
75-71-8	Dichlorodifluoromethane	1.5	0.015	-	8.8E+01		3.4E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.3	0.073	-	4.4E+03		3.3E-06
108-88-3	Toluene	8.4	0.084	-	4.4E+03		3.8E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	36	0.36	-	4.4E+03		1.6E-05
					Cumulative:	0.0E+00	5.8E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

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	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
16	J	67-64-1	Acetone			ug/m^3	LFGP-10									
1.8	J	67-66-3	Chloroform			ug/m^3	LFGP-10									
1.5	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-10									
7.9	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-10									
11		108-88-3	Toluene			ug/m^3	LFGP-10									
26		76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/m^3	LFGP-10									

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	4.4E-07	2.7E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	3.4E-08	2.2E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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	16	0.48	-	-		
67-66-3	Chloroform	1.8	0.054	1.2E-01	4.1E-01	4.4E-07	2.7E-02
75-71-8	Dichlorodifluoromethane	1.5	0.045	-	2.1E+01		4.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.9	0.237	-	1.0E+03		4.5E-05
108-88-3	Toluene	11	0.33	-	1.0E+03		6.3E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	26	0.78	-	1.0E+03		1.5E-04
					Cumulative:	4.4E-07	2.7E-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	16	0.16	-	-		
67-66-3	Chloroform	1.8	0.018	5.3E-01	1.7E+00	3.4E-08	2.1E-03
75-71-8	Dichlorodifluoromethane	1.5	0.015	-	8.8E+01		3.4E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	7.9	0.079	-	4.4E+03		3.6E-06
108-88-3	Toluene	11	0.11	-	4.4E+03		5.0E-06
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	26	0.26	-	4.4E+03		1.2E-05
					Cumulative:	3.4E-08	2.2E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
1.78	F1	7664-41-7	Ammonia			mg/kg	SED-1									
1.07	F1 F2	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
23	F1 F2	7440-39-3	Barium			mg/kg	SED-1									
0.211	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.159	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
4.42		7440-48-4	Cobalt			mg/kg	SED-1									
15	B F1	7440-50-8	Copper			mg/kg	SED-1									
0.0112		123-91-1	Dioxane, 1,4-			mg/kg	SED-1									
30	F1 F2	7439-92-1	~Lead and Compounds			mg/kg	SED-1									
117		7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
14.5	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
0.219	J	120-12-7	~Anthracene			mg/kg	SED-1									
1		56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
1.03		50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
1.62		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.522	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-1									
1.17		218-01-9	~Chrysene			mg/kg	SED-1									
0.18	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-1									
2.32		206-44-0	~Fluoranthene			mg/kg	SED-1									
0.807	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
1.81		129-00-0	~Pyrene			mg/kg	SED-1									
0.397	J	7782-49-2	Selenium			mg/kg	SED-1									
0.0775	J	7440-22-4	Silver			mg/kg	SED-1									
15.4	B F1 F2	7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
72.2		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	1.5E-05	4.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.1E-06	2.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.5E-06	1.8E-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-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
7664-41-7	Ammonia	1.78	1.78	1.78							5.8E-11	5.8E-11
7440-38-2	Arsenic, Inorganic	1.07	1.07	1.07	**1.4E-06**	1.9E-07	2.8E-11	1.6E-06	2.7E-02	3.2E-03	1.2E-06	3.1E-02
7440-39-3	Barium	23	23	23					1.5E-03		7.4E-07	1.5E-03
7440-41-7	Beryllium and compounds	0.211	0.211	0.211			3.0E-12	3.0E-12	1.3E-03		1.7E-07	1.3E-03
7440-43-9	Cadmium (Diet)	0.159	0.159	0.159			1.7E-12	1.7E-12	2.0E-02	1.9E-03	2.6E-07	2.2E-02
7440-48-4	Cobalt	4.42	4.42	4.42			2.4E-10	2.4E-10	1.9E-01		1.2E-05	1.9E-01
7440-50-8	Copper	15	15	15					4.8E-03			4.8E-03
123-91-1	Dioxane, 1,4-	0.0112	0.0112	0.0112	1.6E-09		4.7E-10	2.1E-09	4.8E-06		8.5E-06	1.3E-05
7439-92-1	~Lead and Compounds	30	30	30					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	117	117	117					6.2E-02		3.8E-05	6.2E-02
7440-02-0	Nickel Soluble Salts	14.5	14.5	14.5			2.3E-11	2.3E-11	9.3E-03		2.3E-05	9.3E-03
120-12-7	~Anthracene	0.219	0.219	0.219					9.3E-06	2.9E-06		1.2E-05
56-55-3	~Benz[a]anthracene	1	1	1	6.5E-07	2.2E-07	1.3E-08	8.8E-07				
50-32-8	~Benzo[a]pyrene	1.03	1.03	1.03	**6.7E-06**	**2.2E-06**	1.0E-11	9.0E-06	4.4E-02	1.4E-02	8.3E-06	5.7E-02
205-99-2	~Benzo[b]fluoranthene	1.62	1.62	1.62	**1.1E-06**	3.5E-07	1.6E-12	1.4E-06				
207-08-9	~Benzo[k]fluoranthene	0.522	0.522	0.522	3.4E-08	1.1E-08	5.2E-14	4.5E-08				
218-01-9	~Chrysene	1.17	1.17	1.17	7.6E-09	2.5E-09	1.2E-14	1.0E-08				
53-70-3	~Dibenz[a,h]anthracene	0.18	0.18	0.18	**1.2E-06**	3.9E-07	1.8E-12	1.6E-06				
206-44-0	~Fluoranthene	2.32	2.32	2.32					7.4E-04	2.3E-04		9.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.807	0.807	0.807	5.3E-07	1.8E-07	8.0E-13	7.0E-07				
129-00-0	~Pyrene	1.81	1.81	1.81					7.7E-04	2.4E-04		1.0E-03
7782-49-2	Selenium	0.397	0.397	0.397					1.0E-03		3.2E-10	1.0E-03
7440-22-4	Silver	0.0775	0.0775	0.0775					2.0E-04			2.0E-04
7440-62-2	Vanadium and Compounds	15.4	15.4	15.4					3.9E-02		2.5E-06	3.9E-02
7440-66-6	Zinc and Compounds	72.2	72.2	72.2					3.1E-03			3.1E-03
						Cumulative:		1.5E-05				4.2E-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-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
7664-41-7	Ammonia	1.78	1.78	1.78							1.4E-11	1.4E-11
7440-38-2	Arsenic, Inorganic	1.07	1.07	1.07	2.9E-07	6.2E-08	6.3E-12	3.6E-07	1.8E-03	3.9E-04	2.7E-07	2.2E-03
7440-39-3	Barium	23	23	23					9.8E-05		1.8E-07	9.9E-05
7440-41-7	Beryllium and compounds	0.211	0.211	0.211			7.0E-13	7.0E-13	9.0E-05		4.1E-08	9.0E-05
7440-43-9	Cadmium (Diet)	0.159	0.159	0.159			3.9E-13	3.9E-13	1.4E-03	2.3E-04	6.1E-08	1.6E-03
7440-48-4	Cobalt	4.42	4.42	4.42			5.5E-11	5.5E-11	1.3E-02		2.8E-06	1.3E-02
7440-50-8	Copper	15	15	15					3.2E-04			3.2E-04
123-91-1	Dioxane, 1,4-	0.0112	0.0112	0.0112	3.4E-10		1.1E-10	4.5E-10	3.2E-07		2.0E-06	2.3E-06
7439-92-1	~Lead and Compounds	30	30	30					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	117	117	117					4.2E-03		9.0E-06	4.2E-03
7440-02-0	Nickel Soluble Salts	14.5	14.5	14.5			5.2E-12	5.2E-12	6.2E-04		5.6E-06	6.3E-04
120-12-7	~Anthracene	0.219	0.219	0.219					6.3E-07	3.4E-07		9.7E-07
56-55-3	~Benz[a]anthracene	1	1	1	3.1E-08	1.7E-08	1.0E-09	4.8E-08				
50-32-8	~Benzo[a]pyrene	1.03	1.03	1.03	3.1E-07	1.7E-07	8.5E-13	4.9E-07	2.9E-03	1.6E-03	2.0E-06	4.6E-03
205-99-2	~Benzo[b]fluoranthene	1.62	1.62	1.62	5.0E-08	2.7E-08	1.3E-13	7.7E-08				
207-08-9	~Benzo[k]fluoranthene	0.522	0.522	0.522	1.6E-09	8.8E-10	4.3E-15	2.5E-09				
218-01-9	~Chrysene	1.17	1.17	1.17	3.6E-10	2.0E-10	9.6E-16	5.5E-10				
53-70-3	~Dibenz[a,h]anthracene	0.18	0.18	0.18	5.5E-08	3.0E-08	1.5E-13	8.5E-08				
206-44-0	~Fluoranthene	2.32	2.32	2.32					5.0E-05	2.7E-05		7.7E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.807	0.807	0.807	2.5E-08	1.4E-08	6.7E-14	3.8E-08				
129-00-0	~Pyrene	1.81	1.81	1.81					5.2E-05	2.8E-05		8.0E-05
7782-49-2	Selenium	0.397	0.397	0.397					6.8E-05		7.6E-11	6.8E-05
7440-22-4	Silver	0.0775	0.0775	0.0775					1.3E-05			1.3E-05
7440-62-2	Vanadium and Compounds	15.4	15.4	15.4					2.6E-03		5.9E-07	2.6E-03
7440-66-6	Zinc and Compounds	72.2	72.2	72.2					2.1E-04			2.1E-04
						Cumulative:		1.1E-06				2.9E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7664-41-7	Ammonia	1.78	1.78	1.78							2.1E-12	2.1E-12
7440-38-2	Arsenic, Inorganic	1.07	1.07	1.07	5.9E-07	8.4E-08	9.9E-13	6.8E-07	1.2E-02	1.4E-03	4.1E-08	1.3E-02
7440-39-3	Barium	23	23	23					6.3E-04		2.7E-08	6.3E-04
7440-41-7	Beryllium and compounds	0.211	0.211	0.211			1.1E-13	1.1E-13	5.8E-04		6.1E-09	5.8E-04
7440-43-9	Cadmium (Diet)	0.159	0.159	0.159			6.1E-14	6.1E-14	8.7E-03	8.3E-04	9.2E-09	9.5E-03
7440-48-4	Cobalt	4.42	4.42	4.42			8.5E-12	8.5E-12	8.1E-02		4.3E-07	8.1E-02
7440-50-8	Copper	15	15	15					2.1E-03			2.1E-03
123-91-1	Dioxane, 1,4-	0.0112	0.0112	0.0112	6.9E-10		1.7E-11	7.1E-10	2.0E-06		3.0E-07	2.3E-06
7439-92-1	~Lead and Compounds	30	30	30					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	117	117	117					2.7E-02		1.4E-06	2.7E-02
7440-02-0	Nickel Soluble Salts	14.5	14.5	14.5			8.1E-13	8.1E-13	4.0E-03		8.4E-07	4.0E-03
120-12-7	~Anthracene	0.219	0.219	0.219					4.0E-06	1.2E-06		5.2E-06
56-55-3	~Benz[a]anthracene	1	1	1	2.8E-07	9.3E-08	4.5E-10	3.7E-07				
50-32-8	~Benzo[a]pyrene	1.03	1.03	1.03	**2.9E-06**	9.6E-07	3.7E-13	**3.8E-06**	1.9E-02	5.8E-03	3.0E-07	2.5E-02
205-99-2	~Benzo[b]fluoranthene	1.62	1.62	1.62	4.5E-07	1.5E-07	5.8E-14	6.0E-07				
207-08-9	~Benzo[k]fluoranthene	0.522	0.522	0.522	1.5E-08	4.9E-09	1.9E-15	1.9E-08				
218-01-9	~Chrysene	1.17	1.17	1.17	3.3E-09	1.1E-09	4.2E-16	4.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.18	0.18	0.18	5.0E-07	1.7E-07	6.4E-14	6.7E-07				
206-44-0	~Fluoranthene	2.32	2.32	2.32					3.2E-04	9.8E-05		4.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.807	0.807	0.807	2.3E-07	7.5E-08	2.9E-14	3.0E-07				
129-00-0	~Pyrene	1.81	1.81	1.81					3.3E-04	1.0E-04		4.3E-04
7782-49-2	Selenium	0.397	0.397	0.397					4.4E-04		1.1E-11	4.4E-04
7440-22-4	Silver	0.0775	0.0775	0.0775					8.5E-05			8.5E-05
7440-62-2	Vanadium and Compounds	15.4	15.4	15.4					1.7E-02		8.9E-08	1.7E-02
7440-66-6	Zinc and Compounds	72.2	72.2	72.2					1.3E-03			1.3E-03
						Cumulative:		6.5E-06				1.8E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
0.786		7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
30.3		7440-39-3	Barium			mg/kg	SED-2									
0.193	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.209	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
0.419	J	18540-29-9	Chromium(VI)			mg/kg	SED-2									
4.43		7440-48-4	Cobalt			mg/kg	SED-2									
12.9	B	7440-50-8	Copper			mg/kg	SED-2									
0.0109		123-91-1	Dioxane, 1,4-			mg/kg	SED-2									
38.2		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
135		7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
12.7	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.124	J	83-32-9	~Acenaphthene			mg/kg	SED-2									
0.249	J	120-12-7	~Anthracene			mg/kg	SED-2									
0.998		56-55-3	~Benz[a]anthracene			mg/kg	SED-2									
1.01		50-32-8	~Benzo[a]pyrene			mg/kg	SED-2									
1.42		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-2									
0.544	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-2									
1.04		218-01-9	~Chrysene			mg/kg	SED-2									
0.174	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-2									
1.88	F1	206-44-0	~Fluoranthene			mg/kg	SED-2									
0.693	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
1.53	F1	129-00-0	~Pyrene			mg/kg	SED-2									
0.535	J	7782-49-2	Selenium			mg/kg	SED-2									
0.0284	J	7440-22-4	Silver			mg/kg	SED-2									
13.8	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
82.9		7440-66-6	Zinc and Compounds			mg/kg	SED-2									

Sitewide Risk **Output Form 1B**

Version Date: January 2025 NOTE: If any changes were made, select "Update Sitewide Risk Values" to obtain updated values.

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-2 Risk Assessment

		Resident - Current Scenario			Resident - Future Scenario			Non-Residential Worker - Current Scenario			Non-Residential Worker - Future Scenario			Construction Worker			Recreator/Trespasser		
Receptor	**Pathway**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**
DIRECT CONTACT SOIL AND WATER CALCULATORS																			
Resident	Soil	☐	NM	NM	☐	NM	NM												
	Groundwater Use*	☐	NM	NM	☐	NM	NM												
Non-Residential Worker	Soil							☐	NM	NM	☐	NM	NM						
	Groundwater Use*							☐	NM	NM	☐	NM	NM						
Construction Worker	Soil													☐	NM	NM			
Recreator/Trespasser	Soil																☐	NM	NM
	Surface Water Use*																☐	NM	NM
VAPOR INTRUSION CALCULATORS																			
Resident	Groundwater to Indoor Air	☐	NM	NM	☐	NM	NM												
	Soil Gas to Indoor Air	☐	NM	NM	☐	NM	NM												
	Indoor Air	☐	NM	NM	☐	NM	NM												
Non-Residential Worker	Groundwater to Indoor Air							☐	NM	NM	☐	NM	NM						
	Soil Gas to Indoor Air							☐	NM	NM	☐	NM	NM						
	Indoor Air							☐	NM	NM	☐	NM	NM						
TOTAL SITEWIDE RISK FOR EACH RECEPTOR			0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00

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
4. NC = Pathway not calculated

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
7440-38-2	Arsenic, Inorganic	0.786	0.786	0.786	**1.0E-06**	1.4E-07	2.0E-11	1.2E-06	2.0E-02	2.4E-03	8.5E-07	2.2E-02
7440-39-3	Barium	30.3	30.3	30.3					1.9E-03		9.8E-07	1.9E-03
7440-41-7	Beryllium and compounds	0.193	0.193	0.193			2.8E-12	2.8E-12	1.2E-03		1.6E-07	1.2E-03
7440-43-9	Cadmium (Diet)	0.209	0.209	0.209			2.3E-12	2.3E-12	2.7E-02	2.5E-03	3.4E-07	2.9E-02
18540-29-9	Chromium(VI)	0.419	0.419	0.419	4.4E-07		7.7E-11	4.4E-07	6.0E-03		2.3E-07	6.0E-03
7440-48-4	Cobalt	4.43	4.43	4.43			2.4E-10	2.4E-10	1.9E-01		1.2E-05	1.9E-01
7440-50-8	Copper	12.9	12.9	12.9					4.1E-03			4.1E-03
123-91-1	Dioxane, 1,4-	0.0109	0.0109	0.0109	1.6E-09		4.6E-10	2.0E-09	4.6E-06		8.3E-06	1.3E-05
7439-92-1	~Lead and Compounds	38.2	38.2	38.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	135	135	135					7.2E-02		4.4E-05	7.2E-02
7440-02-0	Nickel Soluble Salts	12.7	12.7	12.7			2.0E-11	2.0E-11	8.1E-03		2.1E-05	8.1E-03
83-32-9	~Acenaphthene	0.124	0.124	0.124					2.6E-05	8.2E-06		3.5E-05
120-12-7	~Anthracene	0.249	0.249	0.249					1.1E-05	3.3E-06		1.4E-05
56-55-3	~Benz[a]anthracene	0.998	0.998	0.998	6.5E-07	2.2E-07	1.3E-08	8.8E-07				
50-32-8	~Benzo[a]pyrene	1.01	1.01	1.01	**6.6E-06**	**2.2E-06**	1.0E-11	8.8E-06	4.3E-02	1.3E-02	8.2E-06	5.6E-02
205-99-2	~Benzo[b]fluoranthene	1.42	1.42	1.42	9.3E-07	3.1E-07	1.4E-12	1.2E-06				
207-08-9	~Benzo[k]fluoranthene	0.544	0.544	0.544	3.6E-08	1.2E-08	5.4E-14	4.7E-08				
218-01-9	~Chrysene	1.04	1.04	1.04	6.8E-09	2.3E-09	1.0E-14	9.1E-09				
53-70-3	~Dibenz[a,h]anthracene	0.174	0.174	0.174	**1.1E-06**	3.8E-07	1.7E-12	1.5E-06				
206-44-0	~Fluoranthene	1.88	1.88	1.88					6.0E-04	1.9E-04		7.9E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.693	0.693	0.693	4.5E-07	1.5E-07	6.9E-13	6.0E-07				
129-00-0	~Pyrene	1.53	1.53	1.53					6.5E-04	2.0E-04		8.5E-04
7782-49-2	Selenium	0.535	0.535	0.535					1.4E-03		4.3E-10	1.4E-03
7440-22-4	Silver	0.0284	0.0284	0.0284					7.3E-05			7.3E-05
7440-62-2	Vanadium and Compounds	13.8	13.8	13.8					3.5E-02		2.2E-06	3.5E-02
7440-66-6	Zinc and Compounds	82.9	82.9	82.9					3.5E-03			3.5E-03
						Cumulative:		1.5E-05				4.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-38-2	Arsenic, Inorganic	0.786	0.786	0.786	2.2E-07	4.6E-08	4.6E-12	2.6E-07	1.3E-03	2.8E-04	2.0E-07	1.6E-03
7440-39-3	Barium	30.3	30.3	30.3					1.3E-04		2.3E-07	1.3E-04
7440-41-7	Beryllium and compounds	0.193	0.193	0.193			6.4E-13	6.4E-13	8.3E-05		3.7E-08	8.3E-05
7440-43-9	Cadmium (Diet)	0.209	0.209	0.209			5.2E-13	5.2E-13	1.8E-03	3.0E-04	8.0E-08	2.1E-03
18540-29-9	Chromium(VI)	0.419	0.419	0.419	2.0E-08		6.3E-12	2.1E-08	4.0E-04		5.4E-08	4.0E-04
7440-48-4	Cobalt	4.43	4.43	4.43			5.5E-11	5.5E-11	1.3E-02		2.8E-06	1.3E-02
7440-50-8	Copper	12.9	12.9	12.9					2.8E-04			2.8E-04
123-91-1	Dioxane, 1,4-	0.0109	0.0109	0.0109	3.3E-10		1.1E-10	4.4E-10	3.1E-07		2.0E-06	2.3E-06
7439-92-1	~Lead and Compounds	38.2	38.2	38.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	135	135	135					4.8E-03		1.0E-05	4.8E-03
7440-02-0	Nickel Soluble Salts	12.7	12.7	12.7			4.5E-12	4.5E-12	5.4E-04		4.9E-06	5.5E-04
83-32-9	~Acenaphthene	0.124	0.124	0.124					1.8E-06	9.7E-07		2.7E-06
120-12-7	~Anthracene	0.249	0.249	0.249					7.1E-07	3.9E-07		1.1E-06
56-55-3	~Benz[a]anthracene	0.998	0.998	0.998	3.1E-08	1.7E-08	1.0E-09	4.8E-08				
50-32-8	~Benzo[a]pyrene	1.01	1.01	1.01	3.1E-07	1.7E-07	8.3E-13	4.8E-07	2.9E-03	1.6E-03	1.9E-06	4.5E-03
205-99-2	~Benzo[b]fluoranthene	1.42	1.42	1.42	4.3E-08	2.4E-08	1.2E-13	6.7E-08				
207-08-9	~Benzo[k]fluoranthene	0.544	0.544	0.544	1.7E-09	9.2E-10	4.5E-15	2.6E-09				
218-01-9	~Chrysene	1.04	1.04	1.04	3.2E-10	1.7E-10	8.6E-16	4.9E-10				
53-70-3	~Dibenz[a,h]anthracene	0.174	0.174	0.174	5.3E-08	2.9E-08	1.4E-13	8.2E-08				
206-44-0	~Fluoranthene	1.88	1.88	1.88					4.0E-05	2.2E-05		6.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.693	0.693	0.693	2.1E-08	1.2E-08	5.7E-14	3.3E-08				
129-00-0	~Pyrene	1.53	1.53	1.53					4.4E-05	2.4E-05		6.8E-05
7782-49-2	Selenium	0.535	0.535	0.535					9.2E-05		1.0E-10	9.2E-05
7440-22-4	Silver	0.0284	0.0284	0.0284					4.9E-06			4.9E-06
7440-62-2	Vanadium and Compounds	13.8	13.8	13.8					2.3E-03		5.3E-07	2.3E-03
7440-66-6	Zinc and Compounds	82.9	82.9	82.9					2.4E-04			2.4E-04
						Cumulative:		1.0E-06				3.0E-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-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
7440-38-2	Arsenic, Inorganic	0.786	0.786	0.786	4.4E-07	6.1E-08	7.2E-13	5.0E-07	8.6E-03	1.0E-03	3.0E-08	9.6E-03
7440-39-3	Barium	30.3	30.3	30.3					8.3E-04		3.5E-08	8.3E-04
7440-41-7	Beryllium and compounds	0.193	0.193	0.193			9.9E-14	9.9E-14	5.3E-04		5.6E-09	5.3E-04
7440-43-9	Cadmium (Diet)	0.209	0.209	0.209			8.1E-14	8.1E-14	1.1E-02	1.1E-03	1.2E-08	1.3E-02
18540-29-9	Chromium(VI)	0.419	0.419	0.419	1.9E-07		2.7E-12	1.9E-07	2.6E-03		8.1E-09	2.6E-03
7440-48-4	Cobalt	4.43	4.43	4.43			8.5E-12	8.5E-12	8.1E-02		4.3E-07	8.1E-02
7440-50-8	Copper	12.9	12.9	12.9					1.8E-03			1.8E-03
123-91-1	Dioxane, 1,4-	0.0109	0.0109	0.0109	6.7E-10		1.6E-11	6.9E-10	2.0E-06		3.0E-07	2.3E-06
7439-92-1	~Lead and Compounds	38.2	38.2	38.2					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	135	135	135					3.1E-02		1.6E-06	3.1E-02
7440-02-0	Nickel Soluble Salts	12.7	12.7	12.7			7.1E-13	7.1E-13	3.5E-03		7.3E-07	3.5E-03
83-32-9	~Acenaphthene	0.124	0.124	0.124					1.1E-05	3.5E-06		1.5E-05
120-12-7	~Anthracene	0.249	0.249	0.249					4.5E-06	1.4E-06		6.0E-06
56-55-3	~Benz[a]anthracene	0.998	0.998	0.998	2.8E-07	9.3E-08	4.5E-10	3.7E-07				
50-32-8	~Benzo[a]pyrene	1.01	1.01	1.01	**2.8E-06**	9.4E-07	3.6E-13	**3.8E-06**	1.8E-02	5.7E-03	2.9E-07	2.4E-02
205-99-2	~Benzo[b]fluoranthene	1.42	1.42	1.42	4.0E-07	1.3E-07	5.1E-14	5.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.544	0.544	0.544	1.5E-08	5.1E-09	1.9E-15	2.0E-08				
218-01-9	~Chrysene	1.04	1.04	1.04	2.9E-09	9.7E-10	3.7E-16	3.9E-09				
53-70-3	~Dibenz[a,h]anthracene	0.174	0.174	0.174	4.9E-07	1.6E-07	6.2E-14	6.5E-07				
206-44-0	~Fluoranthene	1.88	1.88	1.88					2.6E-04	7.9E-05		3.4E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.693	0.693	0.693	1.9E-07	6.5E-08	2.5E-14	2.6E-07				
129-00-0	~Pyrene	1.53	1.53	1.53					2.8E-04	8.6E-05		3.7E-04
7782-49-2	Selenium	0.535	0.535	0.535					5.9E-04		1.5E-11	5.9E-04
7440-22-4	Silver	0.0284	0.0284	0.0284					3.1E-05			3.1E-05
7440-62-2	Vanadium and Compounds	13.8	13.8	13.8					1.5E-02		8.0E-08	1.5E-02
7440-66-6	Zinc and Compounds	82.9	82.9	82.9					1.5E-03			1.5E-03
						Cumulative:		6.3E-06				1.9E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
1.97		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
86.6		7440-39-3	Barium			mg/kg	SED-3									
0.399		7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.0783	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
0.171	J	18540-29-9	Chromium(VI)			mg/kg	SED-3									
5.51		7440-48-4	Cobalt			mg/kg	SED-3									
8.97	B	7440-50-8	Copper			mg/kg	SED-3									
0.00947		123-91-1	Dioxane, 1,4-			mg/kg	SED-3									
11		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
93.9		7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
10.3	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
1.61	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-3									
0.0323	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.94	J	7782-49-2	Selenium			mg/kg	SED-3									
0.00443	J	7440-22-4	Silver			mg/kg	SED-3									
0.0924	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-3									
34.7	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
33.1		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	5.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.7E-07	3.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.3E-06	2.5E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-38-2	Arsenic, Inorganic	1.97	1.97	1.97	**2.6E-06**	3.6E-07	5.1E-11	2.9E-06	5.0E-02	6.0E-03	2.1E-06	5.6E-02
7440-39-3	Barium	86.6	86.6	86.6					5.5E-03		2.8E-06	5.5E-03
7440-41-7	Beryllium and compounds	0.399	0.399	0.399			5.7E-12	5.7E-12	2.6E-03		3.2E-07	2.6E-03
7440-43-9	Cadmium (Diet)	0.0783	0.0783	0.0783			8.5E-13	8.5E-13	1.0E-02	9.5E-04	1.3E-07	1.1E-02
18540-29-9	Chromium(VI)	0.171	0.171	0.171	1.8E-07		3.1E-11	1.8E-07	2.4E-03		9.2E-08	2.4E-03
7440-48-4	Cobalt	5.51	5.51	5.51			3.0E-10	3.0E-10	**2.3E-01**		1.5E-05	**2.3E-01**
7440-50-8	Copper	8.97	8.97	8.97					2.9E-03			2.9E-03
123-91-1	Dioxane, 1,4-	0.00947	0.00947	0.00947	1.4E-09		4.0E-10	1.8E-09	4.0E-06		7.2E-06	1.1E-05
7439-92-1	~Lead and Compounds	11	11	11					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	93.9	93.9	93.9					5.0E-02		3.0E-05	5.0E-02
7440-02-0	Nickel Soluble Salts	10.3	10.3	10.3			1.6E-11	1.6E-11	6.6E-03		1.7E-05	6.6E-03
14797-55-8	Nitrate (measured as nitrogen)	1.61	1.61	1.61					1.3E-05			1.3E-05
205-99-2	~Benzo[b]fluoranthene	0.0323	0.0323	0.0323	2.1E-08	7.0E-09	3.2E-14	2.8E-08				
7782-49-2	Selenium	0.94	0.94	0.94					2.4E-03		7.6E-10	2.4E-03
7440-22-4	Silver	0.00443	0.00443	0.00443					1.1E-05			1.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0924	0.0924	0.0924					1.2E-01			1.2E-01
7440-62-2	Vanadium and Compounds	34.7	34.7	34.7					8.8E-02		5.6E-06	8.8E-02
7440-66-6	Zinc and Compounds	33.1	33.1	33.1					1.4E-03			1.4E-03
						Cumulative:		3.1E-06				5.8E-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-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
7440-38-2	Arsenic, Inorganic	1.97	1.97	1.97	5.4E-07	1.1E-07	1.2E-11	6.6E-07	3.4E-03	7.1E-04	5.1E-07	4.1E-03
7440-39-3	Barium	86.6	86.6	86.6					3.7E-04		6.7E-07	3.7E-04
7440-41-7	Beryllium and compounds	0.399	0.399	0.399			1.3E-12	1.3E-12	1.7E-04		7.7E-08	1.7E-04
7440-43-9	Cadmium (Diet)	0.0783	0.0783	0.0783			1.9E-13	1.9E-13	6.7E-04	1.1E-04	3.0E-08	7.8E-04
18540-29-9	Chromium(VI)	0.171	0.171	0.171	8.4E-09		2.6E-12	8.4E-09	1.6E-04		2.2E-08	1.6E-04
7440-48-4	Cobalt	5.51	5.51	5.51			6.8E-11	6.8E-11	1.6E-02		3.5E-06	1.6E-02
7440-50-8	Copper	8.97	8.97	8.97					1.9E-04			1.9E-04
123-91-1	Dioxane, 1,4-	0.00947	0.00947	0.00947	2.9E-10		9.2E-11	3.8E-10	2.7E-07		1.7E-06	2.0E-06
7439-92-1	~Lead and Compounds	11	11	11					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	93.9	93.9	93.9					3.3E-03		7.2E-06	3.4E-03
7440-02-0	Nickel Soluble Salts	10.3	10.3	10.3			3.7E-12	3.7E-12	4.4E-04		4.0E-06	4.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.61	1.61	1.61					8.6E-07			8.6E-07
205-99-2	~Benzo[b]fluoranthene	0.0323	0.0323	0.0323	9.9E-10	5.4E-10	2.7E-15	1.5E-09				
7782-49-2	Selenium	0.94	0.94	0.94					1.6E-04		1.8E-10	1.6E-04
7440-22-4	Silver	0.00443	0.00443	0.00443					7.6E-07			7.6E-07
7440-28-0	Thallium (Soluble Salts)	0.0924	0.0924	0.0924					7.9E-03			7.9E-03
7440-62-2	Vanadium and Compounds	34.7	34.7	34.7					5.9E-03		1.3E-06	5.9E-03
7440-66-6	Zinc and Compounds	33.1	33.1	33.1					9.4E-05			9.4E-05
						Cumulative:		6.7E-07				3.9E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7440-38-2	Arsenic, Inorganic	1.97	1.97	1.97	**1.1E-06**	1.5E-07	1.8E-12	**1.2E-06**	2.2E-02	2.6E-03	7.6E-08	2.4E-02
7440-39-3	Barium	86.6	86.6	86.6					2.4E-03		1.0E-07	2.4E-03
7440-41-7	Beryllium and compounds	0.399	0.399	0.399			2.1E-13	2.1E-13	1.1E-03		1.2E-08	1.1E-03
7440-43-9	Cadmium (Diet)	0.0783	0.0783	0.0783			3.0E-14	3.0E-14	4.3E-03	4.1E-04	4.5E-09	4.7E-03
18540-29-9	Chromium(VI)	0.171	0.171	0.171	7.7E-08		1.1E-12	7.7E-08	1.0E-03		3.3E-09	1.0E-03
7440-48-4	Cobalt	5.51	5.51	5.51			1.1E-11	1.1E-11	1.0E-01		5.3E-07	1.0E-01
7440-50-8	Copper	8.97	8.97	8.97					1.2E-03			1.2E-03
123-91-1	Dioxane, 1,4-	0.00947	0.00947	0.00947	5.8E-10		1.4E-11	6.0E-10	1.7E-06		2.6E-07	2.0E-06
7439-92-1	~Lead and Compounds	11	11	11					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	93.9	93.9	93.9					2.1E-02		1.1E-06	2.1E-02
7440-02-0	Nickel Soluble Salts	10.3	10.3	10.3			5.7E-13	5.7E-13	2.8E-03		5.9E-07	2.8E-03
14797-55-8	Nitrate (measured as nitrogen)	1.61	1.61	1.61					5.5E-06			5.5E-06
205-99-2	~Benzo[b]fluoranthene	0.0323	0.0323	0.0323	9.0E-09	3.0E-09	1.2E-15	1.2E-08				
7782-49-2	Selenium	0.94	0.94	0.94					1.0E-03		2.7E-11	1.0E-03
7440-22-4	Silver	0.00443	0.00443	0.00443					4.9E-06			4.9E-06
7440-28-0	Thallium (Soluble Salts)	0.0924	0.0924	0.0924					5.1E-02			5.1E-02
7440-62-2	Vanadium and Compounds	34.7	34.7	34.7					3.8E-02		2.0E-07	3.8E-02
7440-66-6	Zinc and Compounds	33.1	33.1	33.1					6.0E-04			6.0E-04
						Cumulative:		1.3E-06				2.5E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
1.7		7440-38-2	Arsenic, Inorganic			mg/kg	SED-4									
120		7440-39-3	Barium			mg/kg	SED-4									
0.573		7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.194	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4									
0.802	J	18540-29-9	Chromium(VI)			mg/kg	SED-4									
5.84		7440-48-4	Cobalt			mg/kg	SED-4									
19.8	B	7440-50-8	Copper			mg/kg	SED-4									
0.00936		123-91-1	Dioxane, 1,4-			mg/kg	SED-4									
42.5		7439-92-1	~Lead and Compounds			mg/kg	SED-4									
150		7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
0.0506	J	7487-94-7	~Mercuric Chloride (and other Mercury salts)			mg/kg	SED-4									
23.7	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-4									
0.175	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-4									
0.193	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-4									
0.284	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-4									
0.0961	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-4									
0.221	J	218-01-9	~Chrysene			mg/kg	SED-4									
0.369	J	206-44-0	~Fluoranthene			mg/kg	SED-4									
0.147	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-4									
0.32	J	129-00-0	~Pyrene			mg/kg	SED-4									
0.873	J	7782-49-2	Selenium			mg/kg	SED-4									
0.0378	J	7440-22-4	Silver			mg/kg	SED-4									
0.097	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-4									
36.6	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
52.7		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	5.6E-06	6.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.3E-07	4.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.4E-06	2.9E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

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
7440-38-2	Arsenic, Inorganic	1.7	1.7	1.7	**2.2E-06**	3.1E-07	4.4E-11	2.5E-06	4.3E-02	5.2E-03	1.8E-06	4.9E-02
7440-39-3	Barium	120	120	120					7.7E-03		3.9E-06	7.7E-03
7440-41-7	Beryllium and compounds	0.573	0.573	0.573			8.3E-12	8.3E-12	3.7E-03		4.6E-07	3.7E-03
7440-43-9	Cadmium (Diet)	0.194	0.194	0.194			2.1E-12	2.1E-12	2.5E-02	2.4E-03	3.1E-07	2.7E-02
18540-29-9	Chromium(VI)	0.802	0.802	0.802	8.4E-07		1.5E-10	8.4E-07	1.1E-02		4.3E-07	1.1E-02
7440-48-4	Cobalt	5.84	5.84	5.84			3.2E-10	3.2E-10	**2.5E-01**		1.6E-05	**2.5E-01**
7440-50-8	Copper	19.8	19.8	19.8					6.3E-03			6.3E-03
123-91-1	Dioxane, 1,4-	0.00936	0.00936	0.00936	1.3E-09		4.0E-10	1.7E-09	4.0E-06		7.1E-06	1.1E-05
7439-92-1	~Lead and Compounds	42.5	42.5	42.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	150	150	150					8.0E-02		4.8E-05	8.0E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0506	0.0506	0.0506					2.2E-03		2.7E-09	2.2E-03
7440-02-0	Nickel Soluble Salts	23.7	23.7	23.7			3.7E-11	3.7E-11	1.5E-02		3.8E-05	1.5E-02
56-55-3	~Benz[a]anthracene	0.175	0.175	0.175	1.1E-07	3.8E-08	2.2E-09	1.5E-07				
50-32-8	~Benzo[a]pyrene	0.193	0.193	0.193	**1.3E-06**	4.2E-07	1.9E-12	1.7E-06	8.2E-03	2.5E-03	1.6E-06	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.284	0.284	0.284	1.9E-07	6.2E-08	2.8E-13	2.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.0961	0.0961	0.0961	6.3E-09	2.1E-09	9.6E-15	8.4E-09				
218-01-9	~Chrysene	0.221	0.221	0.221	1.4E-09	4.8E-10	2.2E-15	1.9E-09				
206-44-0	~Fluoranthene	0.369	0.369	0.369					1.2E-04	3.6E-05		1.5E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.147	0.147	0.147	9.6E-08	3.2E-08	1.5E-13	1.3E-07				
129-00-0	~Pyrene	0.32	0.32	0.32					1.4E-04	4.2E-05		1.8E-04
7782-49-2	Selenium	0.873	0.873	0.873					2.2E-03		7.1E-10	2.2E-03
7440-22-4	Silver	0.0378	0.0378	0.0378					9.7E-05			9.7E-05
7440-28-0	Thallium (Soluble Salts)	0.097	0.097	0.097					1.2E-01			1.2E-01
7440-62-2	Vanadium and Compounds	36.6	36.6	36.6					9.3E-02		5.9E-06	9.3E-02
7440-66-6	Zinc and Compounds	52.7	52.7	52.7					2.2E-03			2.2E-03
						Cumulative:		5.6E-06				6.8E-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-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
7440-38-2	Arsenic, Inorganic	1.7	1.7	1.7	4.7E-07	9.9E-08	1.0E-11	5.7E-07	2.9E-03	6.2E-04	4.4E-07	3.5E-03
7440-39-3	Barium	120	120	120					5.1E-04		9.2E-07	5.1E-04
7440-41-7	Beryllium and compounds	0.573	0.573	0.573			1.9E-12	1.9E-12	2.5E-04		1.1E-07	2.5E-04
7440-43-9	Cadmium (Diet)	0.194	0.194	0.194			4.8E-13	4.8E-13	1.7E-03	2.8E-04	7.5E-08	1.9E-03
18540-29-9	Chromium(VI)	0.802	0.802	0.802	3.9E-08		1.2E-11	3.9E-08	7.6E-04		1.0E-07	7.6E-04
7440-48-4	Cobalt	5.84	5.84	5.84			7.2E-11	7.2E-11	1.7E-02		3.7E-06	1.7E-02
7440-50-8	Copper	19.8	19.8	19.8					4.2E-04			4.2E-04
123-91-1	Dioxane, 1,4-	0.00936	0.00936	0.00936	2.9E-10		9.1E-11	3.8E-10	2.7E-07		1.7E-06	2.0E-06
7439-92-1	~Lead and Compounds	42.5	42.5	42.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	150	150	150					5.4E-03		1.2E-05	5.4E-03
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0506	0.0506	0.0506					1.4E-04		6.5E-10	1.4E-04
7440-02-0	Nickel Soluble Salts	23.7	23.7	23.7			8.5E-12	8.5E-12	1.0E-03		9.1E-06	1.0E-03
56-55-3	~Benz[a]anthracene	0.175	0.175	0.175	5.4E-09	2.9E-09	1.8E-10	8.5E-09				
50-32-8	~Benzo[a]pyrene	0.193	0.193	0.193	5.9E-08	3.2E-08	1.6E-13	9.1E-08	5.5E-04	3.0E-04	3.7E-07	8.5E-04
205-99-2	~Benzo[b]fluoranthene	0.284	0.284	0.284	8.7E-09	4.8E-09	2.3E-14	1.3E-08				
207-08-9	~Benzo[k]fluoranthene	0.0961	0.0961	0.0961	2.9E-10	1.6E-10	7.9E-16	4.6E-10				
218-01-9	~Chrysene	0.221	0.221	0.221	6.8E-11	3.7E-11	1.8E-16	1.0E-10				
206-44-0	~Fluoranthene	0.369	0.369	0.369					7.9E-06	4.3E-06		1.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.147	0.147	0.147	4.5E-09	2.5E-09	1.2E-14	7.0E-09				
129-00-0	~Pyrene	0.32	0.32	0.32					9.1E-06	5.0E-06		1.4E-05
7782-49-2	Selenium	0.873	0.873	0.873					1.5E-04		1.7E-10	1.5E-04
7440-22-4	Silver	0.0378	0.0378	0.0378					6.5E-06			6.5E-06
7440-28-0	Thallium (Soluble Salts)	0.097	0.097	0.097					8.3E-03			8.3E-03
7440-62-2	Vanadium and Compounds	36.6	36.6	36.6					6.2E-03		1.4E-06	6.2E-03
7440-66-6	Zinc and Compounds	52.7	52.7	52.7					1.5E-04			1.5E-04
						Cumulative:		7.3E-07				4.6E-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-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
7440-38-2	Arsenic, Inorganic	1.7	1.7	1.7	9.4E-07	1.3E-07	1.6E-12	**1.1E-06**	1.9E-02	2.2E-03	6.5E-08	2.1E-02
7440-39-3	Barium	120	120	120					3.3E-03		1.4E-07	3.3E-03
7440-41-7	Beryllium and compounds	0.573	0.573	0.573			2.9E-13	2.9E-13	1.6E-03		1.7E-08	1.6E-03
7440-43-9	Cadmium (Diet)	0.194	0.194	0.194			7.5E-14	7.5E-14	1.1E-02	1.0E-03	1.1E-08	1.2E-02
18540-29-9	Chromium(VI)	0.802	0.802	0.802	3.6E-07		5.2E-12	3.6E-07	4.9E-03		1.5E-08	4.9E-03
7440-48-4	Cobalt	5.84	5.84	5.84			1.1E-11	1.1E-11	1.1E-01		5.6E-07	1.1E-01
7440-50-8	Copper	19.8	19.8	19.8					2.7E-03			2.7E-03
123-91-1	Dioxane, 1,4-	0.00936	0.00936	0.00936	5.8E-10		1.4E-11	5.9E-10	1.7E-06		2.5E-07	2.0E-06
7439-92-1	~Lead and Compounds	42.5	42.5	42.5					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	150	150	150					3.4E-02		1.7E-06	3.4E-02
7487-94-7	~Mercuric Chloride (and other Mercury salts)	0.0506	0.0506	0.0506					9.2E-04		9.7E-11	9.2E-04
7440-02-0	Nickel Soluble Salts	23.7	23.7	23.7			1.3E-12	1.3E-12	6.5E-03		1.4E-06	6.5E-03
56-55-3	~Benz[a]anthracene	0.175	0.175	0.175	4.9E-08	1.6E-08	7.9E-11	6.5E-08				
50-32-8	~Benzo[a]pyrene	0.193	0.193	0.193	5.4E-07	1.8E-07	6.9E-14	7.2E-07	3.5E-03	1.1E-03	5.6E-08	4.6E-03
205-99-2	~Benzo[b]fluoranthene	0.284	0.284	0.284	7.9E-08	2.7E-08	1.0E-14	1.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.0961	0.0961	0.0961	2.7E-09	9.0E-10	3.4E-16	3.6E-09				
218-01-9	~Chrysene	0.221	0.221	0.221	6.2E-10	2.1E-10	7.9E-17	8.2E-10				
206-44-0	~Fluoranthene	0.369	0.369	0.369					5.1E-05	1.6E-05		6.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.147	0.147	0.147	4.1E-08	1.4E-08	5.2E-15	5.5E-08				
129-00-0	~Pyrene	0.32	0.32	0.32					5.8E-05	1.8E-05		7.6E-05
7782-49-2	Selenium	0.873	0.873	0.873					9.6E-04		2.5E-11	9.6E-04
7440-22-4	Silver	0.0378	0.0378	0.0378					4.1E-05			4.1E-05
7440-28-0	Thallium (Soluble Salts)	0.097	0.097	0.097					5.3E-02			5.3E-02
7440-62-2	Vanadium and Compounds	36.6	36.6	36.6					4.0E-02		2.1E-07	4.0E-02
7440-66-6	Zinc and Compounds	52.7	52.7	52.7					9.6E-04			9.6E-04
						Cumulative:		2.4E-06				2.9E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
0.556	J	7664-41-7	Ammonia			mg/kg										
0.508		7440-38-2	Arsenic, Inorganic			mg/kg										
15.2		7440-39-3	Barium			mg/kg										
0.0914	J	7440-41-7	Beryllium and compounds			mg/kg										
0.0798	J	7440-43-9	Cadmium (Diet)			mg/kg										
4.66		7440-48-4	Cobalt			mg/kg										
10.2	B	7440-50-8	Copper			mg/kg										
0.00982		123-91-1	Dioxane, 1,4-			mg/kg										
16.1		7439-92-1	~Lead and Compounds			mg/kg										
93.1		7439-96-5	Manganese (Non-diet)			mg/kg										
16.4	B	7440-02-0	Nickel Soluble Salts			mg/kg										
0.134	J	56-55-3	~Benz[a]anthracene			mg/kg										
0.155	J	50-32-8	~Benzo[a]pyrene			mg/kg										
0.25	J	205-99-2	~Benzo[b]fluoranthene			mg/kg										
0.179	J	218-01-9	~Chrysene			mg/kg										
0.301	J	206-44-0	~Fluoranthene			mg/kg										
0.125	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg										
0.267	J	129-00-0	~Pyrene			mg/kg										
0.271	J	7782-49-2	Selenium			mg/kg										
0.0103	J	7440-22-4	Silver			mg/kg										
9.14	B	7440-62-2	Vanadium and Compounds			mg/kg										
41.5		7440-66-6	Zinc and Compounds			mg/kg										

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	2.5E-06	3.2E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.7E-07	2.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.1E-06	1.4E-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-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	0.508	0.508	0.508	6.6E-07	9.3E-08	1.3E-11	7.5E-07	1.3E-02	1.5E-03	5.5E-07	1.5E-02
7440-39-3	Barium	15.2	15.2	15.2					9.7E-04		4.9E-07	9.7E-04
100-52-7	Benzaldehyde											
7440-41-7	Beryllium and compounds	0.0914	0.0914	0.0914			1.3E-12	1.3E-12	5.8E-04		7.4E-08	5.8E-04
7440-43-9	Cadmium (Diet)	0.0798	0.0798	0.0798			8.6E-13	8.6E-13	1.0E-02	9.7E-04	1.3E-07	1.1E-02
16065-83-1	Chromium(III), Insoluble Salts											
7440-48-4	Cobalt	4.66	4.66	4.66			2.5E-10	2.5E-10	2.0E-01		1.3E-05	2.0E-01
7440-50-8	Copper	10.2	10.2	10.2					3.3E-03			3.3E-03
7439-92-1	~Lead and Compounds	16.1	16.1	16.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	93.1	93.1	93.1					5.0E-02		3.0E-05	5.0E-02
7440-02-0	Nickel Soluble Salts	16.4	16.4	16.4			2.6E-11	2.6E-11	1.0E-02		2.7E-05	1.1E-02
120-12-7	~Anthracene											
56-55-3	~Benz[a]anthracene	0.134	0.134	0.134	8.7E-08	2.9E-08	1.7E-09	1.2E-07				
50-32-8	~Benzo[a]pyrene	0.155	0.155	0.155	**1.0E-06**	3.4E-07	1.5E-12	1.3E-06	6.6E-03	2.0E-03	1.3E-06	8.6E-03
205-99-2	~Benzo[b]fluoranthene	0.25	0.25	0.25	1.6E-07	5.4E-08	2.5E-13	2.2E-07				
207-08-9	~Benzo[k]fluoranthene											
218-01-9	~Chrysene	0.179	0.179	0.179	1.2E-09	3.9E-10	1.8E-15	1.6E-09				
53-70-3	~Dibenz[a,h]anthracene											
206-44-0	~Fluoranthene	0.301	0.301	0.301					9.6E-05	3.0E-05		1.3E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.125	0.125	0.125	8.2E-08	2.7E-08	1.2E-13	1.1E-07				
129-00-0	~Pyrene	0.267	0.267	0.267					1.1E-04	3.5E-05		1.5E-04
7782-49-2	Selenium	0.271	0.271	0.271					6.9E-04		2.2E-10	6.9E-04
7440-22-4	Silver	0.0103	0.0103	0.0103					2.6E-05			2.6E-05
7440-28-0	Thallium (Soluble Salts)											
7440-62-2	Vanadium and Compounds	9.14	9.14	9.14					2.3E-02		1.5E-06	2.3E-02
7440-66-6	Zinc and Compounds	41.5	41.5	41.5					1.8E-03			1.8E-03
						Cumulative:		2.5E-06				3.2E-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-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	0.508	0.508	0.508	1.4E-07	3.0E-08	3.0E-12	1.7E-07	8.7E-04	1.8E-04	1.3E-07	1.1E-03
7440-39-3	Barium	15.2	15.2	15.2					6.5E-05		1.2E-07	6.5E-05
100-52-7	Benzaldehyde											
7440-41-7	Beryllium and compounds	0.0914	0.0914	0.0914			3.0E-13	3.0E-13	3.9E-05		1.8E-08	3.9E-05
7440-43-9	Cadmium (Diet)	0.0798	0.0798	0.0798			2.0E-13	2.0E-13	6.8E-04	1.2E-04	3.1E-08	8.0E-04
16065-83-1	Chromium(III), Insoluble Salts											
7440-48-4	Cobalt	4.66	4.66	4.66			5.8E-11	5.8E-11	1.3E-02		3.0E-06	1.3E-02
7440-50-8	Copper	10.2	10.2	10.2					2.2E-04			2.2E-04
7439-92-1	~Lead and Compounds	16.1	16.1	16.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	93.1	93.1	93.1					3.3E-03		7.2E-06	3.3E-03
7440-02-0	Nickel Soluble Salts	16.4	16.4	16.4			5.9E-12	5.9E-12	7.0E-04		6.3E-06	7.1E-04
120-12-7	~Anthracene											
56-55-3	~Benz[a]anthracene	0.134	0.134	0.134	4.1E-09	2.3E-09	1.4E-10	6.5E-09				
50-32-8	~Benzo[a]pyrene	0.155	0.155	0.155	4.7E-08	2.6E-08	1.3E-13	7.3E-08	4.4E-04	2.4E-04	3.0E-07	6.9E-04
205-99-2	~Benzo[b]fluoranthene	0.25	0.25	0.25	7.6E-09	4.2E-09	2.1E-14	1.2E-08				
207-08-9	~Benzo[k]fluoranthene											
218-01-9	~Chrysene	0.179	0.179	0.179	5.5E-11	3.0E-11	1.5E-16	8.5E-11				
53-70-3	~Dibenz[a,h]anthracene											
206-44-0	~Fluoranthene	0.301	0.301	0.301					6.4E-06	3.5E-06		1.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.125	0.125	0.125	3.8E-09	2.1E-09	1.0E-14	5.9E-09				
129-00-0	~Pyrene	0.267	0.267	0.267					7.6E-06	4.2E-06		1.2E-05
7782-49-2	Selenium	0.271	0.271	0.271					4.6E-05		5.2E-11	4.6E-05
7440-22-4	Silver	0.0103	0.0103	0.0103					1.8E-06			1.8E-06
7440-28-0	Thallium (Soluble Salts)											
7440-62-2	Vanadium and Compounds	9.14	9.14	9.14					1.6E-03		3.5E-07	1.6E-03
7440-66-6	Zinc and Compounds	41.5	41.5	41.5					1.2E-04			1.2E-04
						Cumulative:		2.7E-07				2.2E-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	0.508	0.508	0.508	2.8E-07	4.0E-08	4.7E-13	3.2E-07	5.6E-03	6.6E-04	2.0E-08	6.2E-03
7440-39-3	Barium	15.2	15.2	15.2					4.2E-04		1.8E-08	4.2E-04
100-52-7	Benzaldehyde											
7440-41-7	Beryllium and compounds	0.0914	0.0914	0.0914			4.7E-14	4.7E-14	2.5E-04		2.6E-09	2.5E-04
7440-43-9	Cadmium (Diet)	0.0798	0.0798	0.0798			3.1E-14	3.1E-14	4.4E-03	4.2E-04	4.6E-09	4.8E-03
16065-83-1	Chromium(III), Insoluble Salts											
7440-48-4	Cobalt	4.66	4.66	4.66			9.0E-12	9.0E-12	8.5E-02		4.5E-07	8.5E-02
7440-50-8	Copper	10.2	10.2	10.2					1.4E-03			1.4E-03
7439-92-1	~Lead and Compounds	16.1	16.1	16.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	93.1	93.1	93.1					2.1E-02		1.1E-06	2.1E-02
7440-02-0	Nickel Soluble Salts	16.4	16.4	16.4			9.1E-13	9.1E-13	4.5E-03		9.5E-07	4.5E-03
120-12-7	~Anthracene											
56-55-3	~Benz[a]anthracene	0.134	0.134	0.134	3.7E-08	1.3E-08	6.0E-11	5.0E-08				
50-32-8	~Benzo[a]pyrene	0.155	0.155	0.155	4.3E-07	1.4E-07	5.5E-14	5.8E-07	2.8E-03	8.7E-04	4.5E-08	3.7E-03
205-99-2	~Benzo[b]fluoranthene	0.25	0.25	0.25	7.0E-08	2.3E-08	8.9E-15	9.3E-08				
207-08-9	~Benzo[k]fluoranthene											
218-01-9	~Chrysene	0.179	0.179	0.179	5.0E-10	1.7E-10	6.4E-17	6.7E-10				
53-70-3	~Dibenz[a,h]anthracene											
206-44-0	~Fluoranthene	0.301	0.301	0.301					4.1E-05	1.3E-05		5.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.125	0.125	0.125	3.5E-08	1.2E-08	4.5E-15	4.7E-08				
129-00-0	~Pyrene	0.267	0.267	0.267					4.9E-05	1.5E-05		6.4E-05
7782-49-2	Selenium	0.271	0.271	0.271					3.0E-04		7.8E-12	3.0E-04
7440-22-4	Silver	0.0103	0.0103	0.0103					1.1E-05			1.1E-05
7440-28-0	Thallium (Soluble Salts)											
7440-62-2	Vanadium and Compounds	9.14	9.14	9.14					9.9E-03		5.3E-08	9.9E-03
7440-66-6	Zinc and Compounds	41.5	41.5	41.5					7.6E-04			7.6E-04
						Cumulative:		1.1E-06				1.4E-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 RI-12
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Brandon Governo
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:

Duplicate sample taken from LFGP-6. The higher concentration is shown.

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
1.17	J	7664-41-7	Ammonia			mg/kg	SED-6/DUP									
0.721		7440-38-2	Arsenic, Inorganic			mg/kg	SED-6/DUP									
31		7440-39-3	Barium			mg/kg	SED-6/DUP									
0.155	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6/DUP									
0.113	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-6/DUP									
6.85		7440-48-4	Cobalt			mg/kg	SED-6/DUP									
11.5	B	7440-50-8	Copper			mg/kg	SED-6/DUP									
0.0103		123-91-1	Dioxane, 1,4-			mg/kg	SED-6/DUP									
28.3		7439-92-1	~Lead and Compounds			mg/kg	SED-6/DUP									
137		7439-96-5	Manganese (Non-diet)			mg/kg	SED-6/DUP									
25	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-6/DUP									
1.76	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6/DUP									
0.188	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-6/DUP									
0.233	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-6/DUP									
0.335	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6/DUP									
0.116	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-6/DUP									
0.223	J	218-01-9	~Chrysene			mg/kg	SED-6/DUP									
0.453	J	206-44-0	~Fluoranthene			mg/kg	SED-6/DUP									
0.182	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-6/DUP									
0.37	J	129-00-0	~Pyrene			mg/kg	SED-6/DUP									
0.363	J	7782-49-2	Selenium			mg/kg	SED-6/DUP									
0.0138	J	7440-22-4	Silver			mg/kg	SED-6/DUP									
16.3	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6/DUP									
55.1		7440-66-6	Zinc and Compounds			mg/kg	SED-6/DUP									

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 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	3.7E-06	4.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.9E-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-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	1.17	1.17	1.17							3.8E-11	3.8E-11
7440-38-2	Arsenic, Inorganic	0.721	0.721	0.721	9.3E-07	1.3E-07	1.9E-11	1.1E-06	1.8E-02	2.2E-03	7.8E-07	2.1E-02
7440-39-3	Barium	31	31	31					2.0E-03		1.0E-06	2.0E-03
7440-41-7	Beryllium and compounds	0.155	0.155	0.155			2.2E-12	2.2E-12	9.9E-04		1.3E-07	9.9E-04
7440-43-9	Cadmium (Diet)	0.113	0.113	0.113			1.2E-12	1.2E-12	1.4E-02	1.4E-03	1.8E-07	1.6E-02
7440-48-4	Cobalt	6.85	6.85	6.85			3.7E-10	3.7E-10	**2.9E-01**		1.8E-05	**2.9E-01**
7440-50-8	Copper	11.5	11.5	11.5					3.7E-03			3.7E-03
123-91-1	Dioxane, 1,4-	0.0103	0.0103	0.0103	1.5E-09		4.4E-10	1.9E-09	4.4E-06		7.8E-06	1.2E-05
7439-92-1	~Lead and Compounds	28.3	28.3	28.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	137	137	137					7.3E-02		4.4E-05	7.3E-02
7440-02-0	Nickel Soluble Salts	25	25	25			3.9E-11	3.9E-11	1.6E-02		4.0E-05	1.6E-02
14797-55-8	Nitrate (measured as nitrogen)	1.76	1.76	1.76					1.4E-05			1.4E-05
56-55-3	~Benz[a]anthracene	0.188	0.188	0.188	1.2E-07	4.1E-08	2.4E-09	1.7E-07				
50-32-8	~Benzo[a]pyrene	0.233	0.233	0.233	**1.5E-06**	5.1E-07	2.3E-12	2.0E-06	9.9E-03	3.1E-03	1.9E-06	1.3E-02
205-99-2	~Benzo[b]fluoranthene	0.335	0.335	0.335	2.2E-07	7.3E-08	3.3E-13	2.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.116	0.116	0.116	7.6E-09	2.5E-09	1.2E-14	1.0E-08				
218-01-9	~Chrysene	0.223	0.223	0.223	1.5E-09	4.9E-10	2.2E-15	1.9E-09				
206-44-0	~Fluoranthene	0.453	0.453	0.453					1.4E-04	4.5E-05		1.9E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.182	0.182	0.182	1.2E-07	4.0E-08	1.8E-13	1.6E-07				
129-00-0	~Pyrene	0.37	0.37	0.37					1.6E-04	4.9E-05		2.1E-04
7782-49-2	Selenium	0.363	0.363	0.363					9.3E-04		2.9E-10	9.3E-04
7440-22-4	Silver	0.0138	0.0138	0.0138					3.5E-05			3.5E-05
7440-62-2	Vanadium and Compounds	16.3	16.3	16.3					4.1E-02		2.6E-06	4.1E-02
7440-66-6	Zinc and Compounds	55.1	55.1	55.1					2.3E-03			2.3E-03
						Cumulative:		3.7E-06				4.8E-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-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	1.17	1.17	1.17							9.0E-12	9.0E-12
7440-38-2	Arsenic, Inorganic	0.721	0.721	0.721	2.0E-07	4.2E-08	4.3E-12	2.4E-07	1.2E-03	2.6E-04	1.8E-07	1.5E-03
7440-39-3	Barium	31	31	31					1.3E-04		2.4E-07	1.3E-04
7440-41-7	Beryllium and compounds	0.155	0.155	0.155			5.1E-13	5.1E-13	6.6E-05		3.0E-08	6.6E-05
7440-43-9	Cadmium (Diet)	0.113	0.113	0.113			2.8E-13	2.8E-13	9.7E-04	1.6E-04	4.3E-08	1.1E-03
7440-48-4	Cobalt	6.85	6.85	6.85			8.5E-11	8.5E-11	2.0E-02		4.4E-06	2.0E-02
7440-50-8	Copper	11.5	11.5	11.5					2.5E-04			2.5E-04
123-91-1	Dioxane, 1,4-	0.0103	0.0103	0.0103	3.1E-10		1.0E-10	4.1E-10	2.9E-07		1.9E-06	2.2E-06
7439-92-1	~Lead and Compounds	28.3	28.3	28.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	137	137	137					4.9E-03		1.1E-05	4.9E-03
7440-02-0	Nickel Soluble Salts	25	25	25			8.9E-12	8.9E-12	1.1E-03		9.6E-06	1.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1.76	1.76	1.76					9.4E-07			9.4E-07
56-55-3	~Benz[a]anthracene	0.188	0.188	0.188	5.7E-09	3.2E-09	2.0E-10	9.1E-09				
50-32-8	~Benzo[a]pyrene	0.233	0.233	0.233	7.1E-08	3.9E-08	1.9E-13	1.1E-07	6.6E-04	3.7E-04	4.5E-07	1.0E-03
205-99-2	~Benzo[b]fluoranthene	0.335	0.335	0.335	1.0E-08	5.6E-09	2.8E-14	1.6E-08				
207-08-9	~Benzo[k]fluoranthene	0.116	0.116	0.116	3.5E-10	2.0E-10	9.6E-16	5.5E-10				
218-01-9	~Chrysene	0.223	0.223	0.223	6.8E-11	3.8E-11	1.8E-16	1.1E-10				
206-44-0	~Fluoranthene	0.453	0.453	0.453					9.7E-06	5.3E-06		1.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.182	0.182	0.182	5.6E-09	3.1E-09	1.5E-14	8.6E-09				
129-00-0	~Pyrene	0.37	0.37	0.37					1.1E-05	5.8E-06		1.6E-05
7782-49-2	Selenium	0.363	0.363	0.363					6.2E-05		7.0E-11	6.2E-05
7440-22-4	Silver	0.0138	0.0138	0.0138					2.4E-06			2.4E-06
7440-62-2	Vanadium and Compounds	16.3	16.3	16.3					2.8E-03		6.3E-07	2.8E-03
7440-66-6	Zinc and Compounds	55.1	55.1	55.1					1.6E-04			1.6E-04
						Cumulative:		3.9E-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-6 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7664-41-7	Ammonia	1.17	1.17	1.17							1.4E-12	1.4E-12
7440-38-2	Arsenic, Inorganic	0.721	0.721	0.721	4.0E-07	5.6E-08	6.6E-13	4.6E-07	7.9E-03	9.4E-04	2.8E-08	8.8E-03
7440-39-3	Barium	31	31	31					8.5E-04		3.6E-08	8.5E-04
7440-41-7	Beryllium and compounds	0.155	0.155	0.155			8.0E-14	8.0E-14	4.2E-04		4.5E-09	4.2E-04
7440-43-9	Cadmium (Diet)	0.113	0.113	0.113			4.4E-14	4.4E-14	6.2E-03	5.9E-04	6.5E-09	6.8E-03
7440-48-4	Cobalt	6.85	6.85	6.85			1.3E-11	1.3E-11	1.3E-01		6.6E-07	1.3E-01
7440-50-8	Copper	11.5	11.5	11.5					1.6E-03			1.6E-03
123-91-1	Dioxane, 1,4-	0.0103	0.0103	0.0103	6.3E-10		1.6E-11	6.5E-10	1.9E-06		2.8E-07	2.2E-06
7439-92-1	~Lead and Compounds	28.3	28.3	28.3					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	137	137	137					3.1E-02		1.6E-06	3.1E-02
7440-02-0	Nickel Soluble Salts	25	25	25			1.4E-12	1.4E-12	6.8E-03		1.4E-06	6.9E-03
14797-55-8	Nitrate (measured as nitrogen)	1.76	1.76	1.76					6.0E-06			6.0E-06
56-55-3	~Benz[a]anthracene	0.188	0.188	0.188	5.3E-08	1.8E-08	8.5E-11	7.0E-08				
50-32-8	~Benzo[a]pyrene	0.233	0.233	0.233	6.5E-07	2.2E-07	8.3E-14	8.7E-07	4.3E-03	1.3E-03	6.7E-08	5.6E-03
205-99-2	~Benzo[b]fluoranthene	0.335	0.335	0.335	9.4E-08	3.1E-08	1.2E-14	1.3E-07				
207-08-9	~Benzo[k]fluoranthene	0.116	0.116	0.116	3.2E-09	1.1E-09	4.1E-16	4.3E-09				
218-01-9	~Chrysene	0.223	0.223	0.223	6.2E-10	2.1E-10	7.9E-17	8.3E-10				
206-44-0	~Fluoranthene	0.453	0.453	0.453					6.2E-05	1.9E-05		8.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.182	0.182	0.182	5.1E-08	1.7E-08	6.5E-15	6.8E-08				
129-00-0	~Pyrene	0.37	0.37	0.37					6.8E-05	2.1E-05		8.8E-05
7782-49-2	Selenium	0.363	0.363	0.363					4.0E-04		1.0E-11	4.0E-04
7440-22-4	Silver	0.0138	0.0138	0.0138					1.5E-05			1.5E-05
7440-62-2	Vanadium and Compounds	16.3	16.3	16.3					1.8E-02		9.4E-08	1.8E-02
7440-66-6	Zinc and Compounds	55.1	55.1	55.1					1.0E-03			1.0E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
1.27	J F1	7664-41-7	Ammonia			mg/kg	SED-7									
1.15		7440-38-2	Arsenic, Inorganic			mg/kg	SED-7									
16.6		7440-39-3	Barium			mg/kg	SED-7									
0.00207	J	71-43-2	Benzene			mg/kg	SED-7									
0.139	J	7440-41-7	Beryllium and compounds			mg/kg	SED-7									
0.137	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-7									
5.19		7440-48-4	Cobalt			mg/kg	SED-7									
11.4	B	7440-50-8	Copper			mg/kg	SED-7									
0.0106		123-91-1	Dioxane, 1,4-			mg/kg	SED-7									
159		7439-92-1	~Lead and Compounds			mg/kg	SED-7									
118		7439-96-5	Manganese (Non-diet)			mg/kg	SED-7									
19.9	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-7									
0.995	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-7									
0.112	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-7									
0.142	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-7									
0.194	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-7									
0.129	J	218-01-9	~Chrysene			mg/kg	SED-7									
0.162	J	206-44-0	~Fluoranthene			mg/kg	SED-7									
0.108	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-7									
0.169	J	129-00-0	~Pyrene			mg/kg	SED-7									
0.314	J	7782-49-2	Selenium			mg/kg	SED-7									
0.0137	J	7440-22-4	Silver			mg/kg	SED-7									
0.00286	J	108-88-3	Toluene			mg/kg	SED-7									
11.3	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-7									
59.1		7440-66-6	Zinc and Compounds			mg/kg	SED-7									

Sitewide Risk **Output Form 1B**

Version Date: January 2025 NOTE: If any changes were made, select "Update Sitewide Risk Values" to obtain updated values.

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000823

Exposure Unit ID: SED-7 Risk Assessment

		Resident - Current Scenario			Resident - Future Scenario			Non-Residential Worker - Current Scenario			Non-Residential Worker - Future Scenario			Construction Worker			Recreator/Trespasser		
Receptor	**Pathway**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**	**Check box to include in site-wide risk calculations**	**Carcinogenic Risk**	**Hazard Index**
DIRECT CONTACT SOIL AND WATER CALCULATORS																			
Resident	Soil	☐	NM	NM	☐	NM	NM												
	Groundwater Use*	☐	NM	NM	☐	NM	NM												
Non-Residential Worker	Soil							☐	NM	NM	☐	NM	NM						
	Groundwater Use*							☐	NM	NM	☐	NM	NM						
Construction Worker	Soil													☐	NM	NM			
Recreator/Trespasser	Soil																☐	NM	NM
	Surface Water Use*																☐	NM	NM
VAPOR INTRUSION CALCULATORS																			
Resident	Groundwater to Indoor Air	☐	NM	NM	☐	NM	NM												
	Soil Gas to Indoor Air	☐	NM	NM	☐	NM	NM												
	Indoor Air	☐	NM	NM	☐	NM	NM												
Non-Residential Worker	Groundwater to Indoor Air							☐	NM	NM	☐	NM	NM						
	Soil Gas to Indoor Air							☐	NM	NM	☐	NM	NM						
	Indoor Air							☐	NM	NM	☐	NM	NM						
TOTAL SITEWIDE RISK FOR EACH RECEPTOR			0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00		0.0E+00	0.0E+00

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
4. NC = Pathway not calculated

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
7440-38-2	Arsenic, Inorganic	1.15	1.15	1.15	**1.5E-06**	2.1E-07	3.0E-11	1.7E-06	2.9E-02	3.5E-03	1.2E-06	3.3E-02
7440-39-3	Barium	16.6	16.6	16.6					1.1E-03		5.4E-07	1.1E-03
100-52-7	Benzaldehyde											
7440-41-7	Beryllium and compounds	0.139	0.139	0.139			2.0E-12	2.0E-12	8.9E-04		1.1E-07	8.9E-04
7440-43-9	Cadmium (Diet)	0.137	0.137	0.137			1.5E-12	1.5E-12	1.8E-02	1.7E-03	2.2E-07	1.9E-02
16065-83-1	Chromium(III), Insoluble Salts											
7440-48-4	Cobalt	5.19	5.19	5.19			2.8E-10	2.8E-10	**2.2E-01**		1.4E-05	**2.2E-01**
7440-50-8	Copper	11.4	11.4	11.4					3.6E-03			3.6E-03
7439-92-1	~Lead and Compounds	159	159	159					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	118	118	118					6.3E-02		3.8E-05	6.3E-02
7440-02-0	Nickel Soluble Salts	19.9	19.9	19.9			3.1E-11	3.1E-11	1.3E-02		3.2E-05	1.3E-02
120-12-7	~Anthracene											
56-55-3	~Benz[a]anthracene	0.112	0.112	0.112	7.3E-08	2.4E-08	1.4E-09	9.9E-08				
50-32-8	~Benzo[a]pyrene	0.142	0.142	0.142	9.3E-07	3.1E-07	1.4E-12	1.2E-06	6.1E-03	1.9E-03	1.1E-06	7.9E-03
205-99-2	~Benzo[b]fluoranthene	0.194	0.194	0.194	1.3E-07	4.2E-08	1.9E-13	1.7E-07				
207-08-9	~Benzo[k]fluoranthene											
218-01-9	~Chrysene	0.129	0.129	0.129	8.4E-10	2.8E-10	1.3E-15	1.1E-09				
53-70-3	~Dibenz[a,h]anthracene											
206-44-0	~Fluoranthene	0.162	0.162	0.162					5.2E-05	1.6E-05		6.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.108	0.108	0.108	7.1E-08	2.4E-08	1.1E-13	9.4E-08				
129-00-0	~Pyrene	0.169	0.169	0.169					7.2E-05	2.2E-05		9.4E-05
7782-49-2	Selenium	0.314	0.314	0.314					8.0E-04		2.5E-10	8.0E-04
7440-22-4	Silver	0.0137	0.0137	0.0137					3.5E-05			3.5E-05
7440-28-0	Thallium (Soluble Salts)											
7440-62-2	Vanadium and Compounds	11.3	11.3	11.3					2.9E-02		1.8E-06	2.9E-02
7440-66-6	Zinc and Compounds	59.1	59.1	59.1					2.5E-03			2.5E-03
						Cumulative:		3.3E-06				3.9E-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
7664-41-7	Ammonia	1.27	1.27	1.27							9.8E-12	9.8E-12
7440-38-2	Arsenic, Inorganic	1.15	1.15	1.15	3.2E-07	6.7E-08	6.8E-12	3.8E-07	2.0E-03	4.2E-04	3.0E-07	2.4E-03
7440-39-3	Barium	16.6	16.6	16.6					7.1E-05		1.3E-07	7.1E-05
71-43-2	Benzene	0.00207	0.00207	0.00207	3.5E-11		3.5E-10	3.8E-10	4.4E-07		4.2E-06	4.6E-06
7440-41-7	Beryllium and compounds	0.139	0.139	0.139			4.6E-13	4.6E-13	6.0E-05		2.7E-08	6.0E-05
7440-43-9	Cadmium (Diet)	0.137	0.137	0.137			3.4E-13	3.4E-13	1.2E-03	2.0E-04	5.3E-08	1.4E-03
7440-48-4	Cobalt	5.19	5.19	5.19			6.4E-11	6.4E-11	1.5E-02		3.3E-06	1.5E-02
7440-50-8	Copper	11.4	11.4	11.4					2.4E-04			2.4E-04
123-91-1	Dioxane, 1,4-	0.0106	0.0106	0.0106	3.2E-10		1.0E-10	4.3E-10	3.0E-07		1.9E-06	2.2E-06
7439-92-1	~Lead and Compounds	159	159	159					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	118	118	118					4.2E-03		9.1E-06	4.2E-03
7440-02-0	Nickel Soluble Salts	19.9	19.9	19.9			7.1E-12	7.1E-12	8.5E-04		7.7E-06	8.6E-04
14797-55-8	Nitrate (measured as nitrogen)	0.995	0.995	0.995					5.3E-07			5.3E-07
56-55-3	~Benz[a]anthracene	0.112	0.112	0.112	3.4E-09	1.9E-09	1.2E-10	5.4E-09				
50-32-8	~Benzo[a]pyrene	0.142	0.142	0.142	4.3E-08	2.4E-08	1.2E-13	6.7E-08	4.1E-04	2.2E-04	2.7E-07	6.3E-04
205-99-2	~Benzo[b]fluoranthene	0.194	0.194	0.194	5.9E-09	3.3E-09	1.6E-14	9.2E-09				
218-01-9	~Chrysene	0.129	0.129	0.129	3.9E-11	2.2E-11	1.1E-16	6.1E-11				
206-44-0	~Fluoranthene	0.162	0.162	0.162					3.5E-06	1.9E-06		5.4E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.108	0.108	0.108	3.3E-09	1.8E-09	8.9E-15	5.1E-09				
129-00-0	~Pyrene	0.169	0.169	0.169					4.8E-06	2.7E-06		7.5E-06
7782-49-2	Selenium	0.314	0.314	0.314					5.4E-05		6.0E-11	5.4E-05
7440-22-4	Silver	0.0137	0.0137	0.0137					2.3E-06			2.3E-06
108-88-3	Toluene	0.00286	0.00286	0.00286					3.1E-08		2.9E-08	5.9E-08
7440-62-2	Vanadium and Compounds	11.3	11.3	11.3					1.9E-03		4.3E-07	1.9E-03
7440-66-6	Zinc and Compounds	59.1	59.1	59.1					1.7E-04			1.7E-04
						Cumulative:		4.7E-07				2.7E-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-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
7664-41-7	Ammonia	1.27	1.27	1.27							1.5E-12	1.5E-12
7440-38-2	Arsenic, Inorganic	1.15	1.15	1.15	6.4E-07	9.0E-08	1.1E-12	7.3E-07	1.3E-02	1.5E-03	4.4E-08	1.4E-02
7440-39-3	Barium	16.6	16.6	16.6					4.5E-04		1.9E-08	4.5E-04
71-43-2	Benzene	0.00207	0.00207	0.00207	7.0E-11		5.5E-11	1.2E-10	2.8E-06		6.3E-07	3.5E-06
7440-41-7	Beryllium and compounds	0.139	0.139	0.139			7.2E-14	7.2E-14	3.8E-04		4.0E-09	3.8E-04
7440-43-9	Cadmium (Diet)	0.137	0.137	0.137			5.3E-14	5.3E-14	7.5E-03	7.1E-04	7.9E-09	8.2E-03
7440-48-4	Cobalt	5.19	5.19	5.19			1.0E-11	1.0E-11	9.5E-02		5.0E-07	9.5E-02
7440-50-8	Copper	11.4	11.4	11.4					1.6E-03			1.6E-03
123-91-1	Dioxane, 1,4-	0.0106	0.0106	0.0106	6.5E-10		1.6E-11	6.7E-10	1.9E-06		2.9E-07	2.2E-06
7439-92-1	~Lead and Compounds	159	159	159					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	118	118	118					2.7E-02		1.4E-06	2.7E-02
7440-02-0	Nickel Soluble Salts	19.9	19.9	19.9			1.1E-12	1.1E-12	5.5E-03		1.1E-06	5.5E-03
14797-55-8	Nitrate (measured as nitrogen)	0.995	0.995	0.995					3.4E-06			3.4E-06
56-55-3	~Benz[a]anthracene	0.112	0.112	0.112	3.1E-08	1.0E-08	5.0E-11	4.2E-08				
50-32-8	~Benzo[a]pyrene	0.142	0.142	0.142	4.0E-07	1.3E-07	5.1E-14	5.3E-07	2.6E-03	8.0E-04	4.1E-08	3.4E-03
205-99-2	~Benzo[b]fluoranthene	0.194	0.194	0.194	5.4E-08	1.8E-08	6.9E-15	7.2E-08				
218-01-9	~Chrysene	0.129	0.129	0.129	3.6E-10	1.2E-10	4.6E-17	4.8E-10				
206-44-0	~Fluoranthene	0.162	0.162	0.162					2.2E-05	6.8E-06		2.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.108	0.108	0.108	3.0E-08	1.0E-08	3.8E-15	4.0E-08				
129-00-0	~Pyrene	0.169	0.169	0.169					3.1E-05	9.5E-06		4.0E-05
7782-49-2	Selenium	0.314	0.314	0.314					3.4E-04		9.1E-12	3.4E-04
7440-22-4	Silver	0.0137	0.0137	0.0137					1.5E-05			1.5E-05
108-88-3	Toluene	0.00286	0.00286	0.00286					2.0E-07		4.3E-09	2.0E-07
7440-62-2	Vanadium and Compounds	11.3	11.3	11.3					1.2E-02		6.5E-08	1.2E-02
7440-66-6	Zinc and Compounds	59.1	59.1	59.1					1.1E-03			1.1E-03
						Cumulative:		1.4E-06				1.7E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
0.903	J	7664-41-7	Ammonia			mg/kg										
1.92		7440-38-2	Arsenic, Inorganic			mg/kg										
32.9		7440-39-3	Barium			mg/kg										
0.444		7440-41-7	Beryllium and compounds			mg/kg	SED-8									
0.176	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-8									
5.69		7440-48-4	Cobalt			mg/kg	SED-8									
21.5	B	7440-50-8	Copper			mg/kg	SED-8									
0.011		123-91-1	Dioxane, 1,4-			mg/kg	SED-8									
26		7439-92-1	~Lead and Compounds			mg/kg	SED-8									
131		7439-96-5	Manganese (Non-diet)			mg/kg	SED-8									
21.3	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-8									
0.115	J	83-32-9	~Acenaphthene			mg/kg	SED-8									
0.127	J	120-12-7	~Anthracene			mg/kg	SED-8									
1.27		56-55-3	~Benz[a]anthracene			mg/kg	SED-8									
1.24		50-32-8	~Benzo[a]pyrene			mg/kg	SED-8									
1.67		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-8									
0.623	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-8									
1.13		218-01-9	~Chrysene			mg/kg	SED-8									
0.207	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-8									
2.13		206-44-0	~Fluoranthene			mg/kg	SED-8									
0.897		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-8									
1.79		129-00-0	~Pyrene			mg/kg	SED-8									
0.737	J	7782-49-2	Selenium			mg/kg	SED-8									
0.0151	J	7440-22-4	Silver			mg/kg	SED-8									
0.00648	J	96-18-4	Trichloropropane, 1,2,3-			mg/kg	SED-8									
21.3	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-8									
88.2		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	2.0E-05	5.5E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.6E-06	3.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	8.6E-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-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
7664-41-7	Ammonia	0.903	0.903	0.903							2.9E-11	2.9E-11
7440-38-2	Arsenic, Inorganic	1.92	1.92	1.92	**2.5E-06**	3.5E-07	5.0E-11	2.8E-06	4.9E-02	5.8E-03	2.1E-06	5.5E-02
7440-39-3	Barium	32.9	32.9	32.9					2.1E-03		1.1E-06	2.1E-03
7440-41-7	Beryllium and compounds	0.444	0.444	0.444			6.4E-12	6.4E-12	2.8E-03		3.6E-07	2.8E-03
7440-43-9	Cadmium (Diet)	0.176	0.176	0.176			1.9E-12	1.9E-12	2.3E-02	2.1E-03	2.8E-07	2.5E-02
7440-48-4	Cobalt	5.69	5.69	5.69			3.1E-10	3.1E-10	**2.4E-01**		1.5E-05	**2.4E-01**
7440-50-8	Copper	21.5	21.5	21.5					6.9E-03			6.9E-03
123-91-1	Dioxane, 1,4-	0.011	0.011	0.011	1.6E-09		4.6E-10	2.0E-09	4.7E-06		8.3E-06	1.3E-05
7439-92-1	~Lead and Compounds	26	26	26					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	131	131	131					7.0E-02		4.2E-05	7.0E-02
7440-02-0	Nickel Soluble Salts	21.3	21.3	21.3			3.3E-11	3.3E-11	1.4E-02		3.4E-05	1.4E-02
83-32-9	~Acenaphthene	0.115	0.115	0.115					2.5E-05	7.6E-06		3.2E-05
120-12-7	~Anthracene	0.127	0.127	0.127					5.4E-06	1.7E-06		7.1E-06
56-55-3	~Benz[a]anthracene	1.27	1.27	1.27	8.3E-07	2.8E-07	1.6E-08	1.1E-06				
50-32-8	~Benzo[a]pyrene	1.24	1.24	1.24	**8.1E-06**	**2.7E-06**	1.2E-11	1.1E-05	5.3E-02	1.6E-02	1.0E-05	6.9E-02
205-99-2	~Benzo[b]fluoranthene	1.67	1.67	1.67	**1.1E-06**	3.6E-07	1.7E-12	1.5E-06				
207-08-9	~Benzo[k]fluoranthene	0.623	0.623	0.623	4.1E-08	1.4E-08	6.2E-14	5.4E-08				
218-01-9	~Chrysene	1.13	1.13	1.13	7.4E-09	2.5E-09	1.1E-14	9.8E-09				
53-70-3	~Dibenz[a,h]anthracene	0.207	0.207	0.207	**1.4E-06**	4.5E-07	2.1E-12	1.8E-06				
206-44-0	~Fluoranthene	2.13	2.13	2.13					6.8E-04	2.1E-04		8.9E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.897	0.897	0.897	5.9E-07	2.0E-07	8.9E-13	7.8E-07				
129-00-0	~Pyrene	1.79	1.79	1.79					7.6E-04	2.4E-04		1.0E-03
7782-49-2	Selenium	0.737	0.737	0.737					1.9E-03		6.0E-10	1.9E-03
7440-22-4	Silver	0.0151	0.0151	0.0151					3.9E-05			3.9E-05
96-18-4	Trichloropropane, 1,2,3-	0.00648	0.00648	0.00648	**1.3E-06**			1.3E-06	2.1E-05		1.2E-03	1.3E-03
7440-62-2	Vanadium and Compounds	21.3	21.3	21.3					5.4E-02		3.4E-06	5.4E-02
7440-66-6	Zinc and Compounds	88.2	88.2	88.2					3.8E-03			3.8E-03
						Cumulative:		2.0E-05				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-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
7664-41-7	Ammonia	0.903	0.903	0.903							7.0E-12	7.0E-12
7440-38-2	Arsenic, Inorganic	1.92	1.92	1.92	5.3E-07	1.1E-07	1.1E-11	6.4E-07	3.3E-03	7.0E-04	4.9E-07	4.0E-03
7440-39-3	Barium	32.9	32.9	32.9					1.4E-04		2.5E-07	1.4E-04
7440-41-7	Beryllium and compounds	0.444	0.444	0.444			1.5E-12	1.5E-12	1.9E-04		8.5E-08	1.9E-04
7440-43-9	Cadmium (Diet)	0.176	0.176	0.176			4.4E-13	4.4E-13	1.5E-03	2.6E-04	6.8E-08	1.8E-03
7440-48-4	Cobalt	5.69	5.69	5.69			7.0E-11	7.0E-11	1.6E-02		3.6E-06	1.6E-02
7440-50-8	Copper	21.5	21.5	21.5					4.6E-04			4.6E-04
123-91-1	Dioxane, 1,4-	0.011	0.011	0.011	3.4E-10		1.1E-10	4.4E-10	3.1E-07		2.0E-06	2.3E-06
7439-92-1	~Lead and Compounds	26	26	26					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	131	131	131					4.7E-03		1.0E-05	4.7E-03
7440-02-0	Nickel Soluble Salts	21.3	21.3	21.3			7.6E-12	7.6E-12	9.1E-04		8.2E-06	9.2E-04
83-32-9	~Acenaphthene	0.115	0.115	0.115					1.6E-06	9.0E-07		2.5E-06
120-12-7	~Anthracene	0.127	0.127	0.127					3.6E-07	2.0E-07		5.6E-07
56-55-3	~Benz[a]anthracene	1.27	1.27	1.27	3.9E-08	2.1E-08	1.3E-09	6.2E-08				
50-32-8	~Benzo[a]pyrene	1.24	1.24	1.24	3.8E-07	2.1E-07	1.0E-12	5.9E-07	3.5E-03	1.9E-03	2.4E-06	5.5E-03
205-99-2	~Benzo[b]fluoranthene	1.67	1.67	1.67	5.1E-08	2.8E-08	1.4E-13	7.9E-08				
207-08-9	~Benzo[k]fluoranthene	0.623	0.623	0.623	1.9E-09	1.0E-09	5.1E-15	3.0E-09				
218-01-9	~Chrysene	1.13	1.13	1.13	3.5E-10	1.9E-10	9.3E-16	5.4E-10				
53-70-3	~Dibenz[a,h]anthracene	0.207	0.207	0.207	6.3E-08	3.5E-08	1.7E-13	9.8E-08				
206-44-0	~Fluoranthene	2.13	2.13	2.13					4.6E-05	2.5E-05		7.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.897	0.897	0.897	2.7E-08	1.5E-08	7.4E-14	4.3E-08				
129-00-0	~Pyrene	1.79	1.79	1.79					5.1E-05	2.8E-05		7.9E-05
7782-49-2	Selenium	0.737	0.737	0.737					1.3E-04		1.4E-10	1.3E-04
7440-22-4	Silver	0.0151	0.0151	0.0151					2.6E-06			2.6E-06
96-18-4	Trichloropropane, 1,2,3-	0.00648	0.00648	0.00648	5.9E-08			5.9E-08	1.4E-06		2.9E-04	3.0E-04
7440-62-2	Vanadium and Compounds	21.3	21.3	21.3					3.6E-03		8.2E-07	3.6E-03
7440-66-6	Zinc and Compounds	88.2	88.2	88.2					2.5E-04			2.5E-04
						Cumulative:		1.6E-06				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-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
7664-41-7	Ammonia	0.903	0.903	0.903							1.0E-12	1.0E-12
7440-38-2	Arsenic, Inorganic	1.92	1.92	1.92	**1.1E-06**	1.5E-07	1.8E-12	**1.2E-06**	2.1E-02	2.5E-03	7.4E-08	2.4E-02
7440-39-3	Barium	32.9	32.9	32.9					9.0E-04		3.8E-08	9.0E-04
7440-41-7	Beryllium and compounds	0.444	0.444	0.444			2.3E-13	2.3E-13	1.2E-03		1.3E-08	1.2E-03
7440-43-9	Cadmium (Diet)	0.176	0.176	0.176			6.8E-14	6.8E-14	9.6E-03	9.2E-04	1.0E-08	1.1E-02
7440-48-4	Cobalt	5.69	5.69	5.69			1.1E-11	1.1E-11	1.0E-01		5.5E-07	1.0E-01
7440-50-8	Copper	21.5	21.5	21.5					2.9E-03			2.9E-03
123-91-1	Dioxane, 1,4-	0.011	0.011	0.011	6.8E-10		1.7E-11	6.9E-10	2.0E-06		3.0E-07	2.3E-06
7439-92-1	~Lead and Compounds	26	26	26					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	131	131	131					3.0E-02		1.5E-06	3.0E-02
7440-02-0	Nickel Soluble Salts	21.3	21.3	21.3			1.2E-12	1.2E-12	5.8E-03		1.2E-06	5.8E-03
83-32-9	~Acenaphthene	0.115	0.115	0.115					1.1E-05	3.2E-06		1.4E-05
120-12-7	~Anthracene	0.127	0.127	0.127					2.3E-06	7.2E-07		3.0E-06
56-55-3	~Benz[a]anthracene	1.27	1.27	1.27	3.6E-07	1.2E-07	5.7E-10	4.7E-07				
50-32-8	~Benzo[a]pyrene	1.24	1.24	1.24	**3.5E-06**	**1.2E-06**	4.4E-13	**4.6E-06**	2.3E-02	7.0E-03	3.6E-07	3.0E-02
205-99-2	~Benzo[b]fluoranthene	1.67	1.67	1.67	4.7E-07	1.6E-07	5.9E-14	6.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.623	0.623	0.623	1.7E-08	5.8E-09	2.2E-15	2.3E-08				
218-01-9	~Chrysene	1.13	1.13	1.13	3.2E-09	1.1E-09	4.0E-16	4.2E-09				
53-70-3	~Dibenz[a,h]anthracene	0.207	0.207	0.207	5.8E-07	1.9E-07	7.4E-14	7.7E-07				
206-44-0	~Fluoranthene	2.13	2.13	2.13					2.9E-04	9.0E-05		3.8E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.897	0.897	0.897	2.5E-07	8.4E-08	3.2E-14	3.3E-07				
129-00-0	~Pyrene	1.79	1.79	1.79					3.3E-04	1.0E-04		4.3E-04
7782-49-2	Selenium	0.737	0.737	0.737					8.1E-04		2.1E-11	8.1E-04
7440-22-4	Silver	0.0151	0.0151	0.0151					1.7E-05			1.7E-05
96-18-4	Trichloropropane, 1,2,3-	0.00648	0.00648	0.00648	5.4E-07			5.4E-07	8.9E-06		4.4E-05	5.3E-05
7440-62-2	Vanadium and Compounds	21.3	21.3	21.3					2.3E-02		1.2E-07	2.3E-02
7440-66-6	Zinc and Compounds	88.2	88.2	88.2					1.6E-03			1.6E-03
						Cumulative:		8.6E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
1.94		7664-41-7	Ammonia			mg/kg										
2.26		7440-38-2	Arsenic, Inorganic			mg/kg										
17		7440-39-3	Barium			mg/kg										
0.199	J	7440-41-7	Beryllium and compounds			mg/kg	SED-9									
0.159	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-9									
5.8		7440-48-4	Cobalt			mg/kg	SED-9									
12.9	B	7440-50-8	Copper			mg/kg	SED-9									
0.00875		123-91-1	Dioxane, 1,4-			mg/kg	SED-9									
12.4		7439-92-1	~Lead and Compounds			mg/kg	SED-9									
154		7439-96-5	Manganese (Non-diet)			mg/kg	SED-9									
17.3	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-9									
1.06	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-9									
0.0782	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-9									
0.0923	J	129-00-0	~Pyrene			mg/kg	SED-9									
0.375	J	7782-49-2	Selenium			mg/kg	SED-9									
0.0114	J	7440-22-4	Silver			mg/kg	SED-9									
12.2	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-9									
63.4		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	3.4E-06	4.7E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.6E-07	3.2E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.5E-06	2.0E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7664-41-7	Ammonia	1.94	1.94	1.94							6.3E-11	6.3E-11
7440-38-2	Arsenic, Inorganic	2.26	2.26	2.26	**2.9E-06**	4.1E-07	5.8E-11	3.3E-06	5.8E-02	6.9E-03	2.4E-06	6.5E-02
7440-39-3	Barium	17	17	17					1.1E-03		5.5E-07	1.1E-03
7440-41-7	Beryllium and compounds	0.199	0.199	0.199			2.9E-12	2.9E-12	1.3E-03		1.6E-07	1.3E-03
7440-43-9	Cadmium (Diet)	0.159	0.159	0.159			1.7E-12	1.7E-12	2.0E-02	1.9E-03	2.6E-07	2.2E-02
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	12.9	12.9	12.9					4.1E-03			4.1E-03
123-91-1	Dioxane, 1,4-	0.00875	0.00875	0.00875	1.3E-09		3.7E-10	1.6E-09	3.7E-06		6.6E-06	1.0E-05
7439-92-1	~Lead and Compounds	12.4	12.4	12.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	154	154	154					8.2E-02		5.0E-05	8.2E-02
7440-02-0	Nickel Soluble Salts	17.3	17.3	17.3			2.7E-11	2.7E-11	1.1E-02		2.8E-05	1.1E-02
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					8.5E-06			8.5E-06
205-99-2	~Benzo[b]fluoranthene	0.0782	0.0782	0.0782	5.1E-08	1.7E-08	7.8E-14	6.8E-08				
129-00-0	~Pyrene	0.0923	0.0923	0.0923					3.9E-05	1.2E-05		5.1E-05
7782-49-2	Selenium	0.375	0.375	0.375					9.6E-04		3.0E-10	9.6E-04
7440-22-4	Silver	0.0114	0.0114	0.0114					2.9E-05			2.9E-05
7440-62-2	Vanadium and Compounds	12.2	12.2	12.2					3.1E-02		2.0E-06	3.1E-02
7440-66-6	Zinc and Compounds	63.4	63.4	63.4					2.7E-03			2.7E-03
						Cumulative:		3.4E-06				4.7E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
7664-41-7	Ammonia	1.94	1.94	1.94							1.5E-11	1.5E-11
7440-38-2	Arsenic, Inorganic	2.26	2.26	2.26	6.2E-07	1.3E-07	1.3E-11	7.5E-07	3.9E-03	8.2E-04	5.8E-07	4.7E-03
7440-39-3	Barium	17	17	17					7.3E-05		1.3E-07	7.3E-05
7440-41-7	Beryllium and compounds	0.199	0.199	0.199			6.6E-13	6.6E-13	8.5E-05		3.8E-08	8.5E-05
7440-43-9	Cadmium (Diet)	0.159	0.159	0.159			3.9E-13	3.9E-13	1.4E-03	2.3E-04	6.1E-08	1.6E-03
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	12.9	12.9	12.9					2.8E-04			2.8E-04
123-91-1	Dioxane, 1,4-	0.00875	0.00875	0.00875	2.7E-10		8.5E-11	3.5E-10	2.5E-07		1.6E-06	1.8E-06
7439-92-1	~Lead and Compounds	12.4	12.4	12.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	154	154	154					5.5E-03		1.2E-05	5.5E-03
7440-02-0	Nickel Soluble Salts	17.3	17.3	17.3			6.2E-12	6.2E-12	7.4E-04		6.7E-06	7.5E-04
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					5.7E-07			5.7E-07
205-99-2	~Benzo[b]fluoranthene	0.0782	0.0782	0.0782	2.4E-09	1.3E-09	6.4E-15	3.7E-09				
129-00-0	~Pyrene	0.0923	0.0923	0.0923					2.6E-06	1.4E-06		4.1E-06
7782-49-2	Selenium	0.375	0.375	0.375					6.4E-05		7.2E-11	6.4E-05
7440-22-4	Silver	0.0114	0.0114	0.0114					2.0E-06			2.0E-06
7440-62-2	Vanadium and Compounds	12.2	12.2	12.2					2.1E-03		4.7E-07	2.1E-03
7440-66-6	Zinc and Compounds	63.4	63.4	63.4					1.8E-04			1.8E-04
						Cumulative:		7.6E-07				3.2E-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
7664-41-7	Ammonia	1.94	1.94	1.94							2.2E-12	2.2E-12
7440-38-2	Arsenic, Inorganic	2.26	2.26	2.26	**1.3E-06**	1.8E-07	2.1E-12	**1.4E-06**	2.5E-02	2.9E-03	8.7E-08	2.8E-02
7440-39-3	Barium	17	17	17					4.7E-04		2.0E-08	4.7E-04
7440-41-7	Beryllium and compounds	0.199	0.199	0.199			1.0E-13	1.0E-13	5.5E-04		5.7E-09	5.5E-04
7440-43-9	Cadmium (Diet)	0.159	0.159	0.159			6.1E-14	6.1E-14	8.7E-03	8.3E-04	9.2E-09	9.5E-03
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	12.9	12.9	12.9					1.8E-03			1.8E-03
123-91-1	Dioxane, 1,4-	0.00875	0.00875	0.00875	5.4E-10		1.3E-11	5.5E-10	1.6E-06		2.4E-07	1.8E-06
7439-92-1	~Lead and Compounds	12.4	12.4	12.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	154	154	154					3.5E-02		1.8E-06	3.5E-02
7440-02-0	Nickel Soluble Salts	17.3	17.3	17.3			9.6E-13	9.6E-13	4.7E-03		1.0E-06	4.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.06	1.06	1.06					3.6E-06			3.6E-06
205-99-2	~Benzo[b]fluoranthene	0.0782	0.0782	0.0782	2.2E-08	7.3E-09	2.8E-15	2.9E-08				
129-00-0	~Pyrene	0.0923	0.0923	0.0923					1.7E-05	5.2E-06		2.2E-05
7782-49-2	Selenium	0.375	0.375	0.375					4.1E-04		1.1E-11	4.1E-04
7440-22-4	Silver	0.0114	0.0114	0.0114					1.2E-05			1.2E-05
7440-62-2	Vanadium and Compounds	12.2	12.2	12.2					1.3E-02		7.0E-08	1.3E-02
7440-66-6	Zinc and Compounds	63.4	63.4	63.4					1.2E-03			1.2E-03
						Cumulative:		1.5E-06				2.0E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
Reviewed By:	Tom Raymond

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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
380		7664-41-7	Ammonia			ug/L	SW-1									
167		7440-39-3	Barium			ug/L	SW-1									
0.523	J	7440-48-4	Cobalt			ug/L	SW-1									
3.53		7440-50-8	Copper			ug/L	SW-1									
1.44		7439-92-1	~Lead and Compounds			ug/L	SW-1									
327		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.99	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
398		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
137		14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-1									
36.6		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*	0.0E+00	1.5E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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	380	380						
7440-39-3	Barium	167	167				3.3E-03	2.5E-03	5.8E-03
7440-48-4	Cobalt	0.523	0.523				6.9E-03	1.5E-04	7.0E-03
7440-50-8	Copper	3.53	3.53				3.5E-04	1.8E-05	3.7E-04
7439-92-1	~Lead and Compounds	1.44	1.44						
7439-96-5	Manganese (Non-diet)	327	327				5.4E-02	7.1E-02	1.3E-01
7440-02-0	Nickel Soluble Salts	1.99	1.99				3.9E-04	1.0E-04	5.0E-04
14797-55-8	Nitrate (measured as nitrogen)	398	398				9.8E-04	5.2E-05	1.0E-03
14797-65-0	Nitrite (measured as nitrogen)	137	137				5.4E-03	2.9E-04	5.7E-03
7440-66-6	Zinc and Compounds	36.6	36.6				4.8E-04	1.5E-05	5.0E-04
					Cumulative:	0.0E+00			1.5E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
369		7664-41-7	Ammonia			ug/L	SW-2									
183		7440-39-3	Barium			ug/L	SW-2									
3.11		7440-50-8	Copper			ug/L	SW-2									
274		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
4.77	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
420		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
43.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-2									
30.2		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	1.2E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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	369	369						
7440-39-3	Barium	183	183				3.6E-03	2.7E-03	6.3E-03
7440-50-8	Copper	3.11	3.11				3.1E-04	1.6E-05	3.2E-04
7439-96-5	Manganese (Non-diet)	274	274				4.5E-02	6.0E-02	1.0E-01
7440-02-0	Nickel Soluble Salts	4.77	4.77				9.4E-04	2.5E-04	1.2E-03
14797-55-8	Nitrate (measured as nitrogen)	420	420				1.0E-03	5.5E-05	1.1E-03
14797-65-0	Nitrite (measured as nitrogen)	43.5	43.5				1.7E-03	9.1E-05	1.8E-03
7440-66-6	Zinc and Compounds	30.2	30.2				4.0E-04	1.3E-05	4.1E-04
					Cumulative:	0.0E+00			1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
360		7664-41-7	Ammonia			ug/L	SW-3									
174		7440-39-3	Barium			ug/L	SW-3									
2.54		7440-50-8	Copper			ug/L	SW-3									
129		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
2.67	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
434		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
43.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-3									
25		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	6.0E-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-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	360	360						
7440-39-3	Barium	174	174				3.4E-03	2.6E-03	6.0E-03
7440-50-8	Copper	2.54	2.54				2.5E-04	1.3E-05	2.6E-04
7439-96-5	Manganese (Non-diet)	129	129				2.1E-02	2.8E-02	4.9E-02
7440-02-0	Nickel Soluble Salts	2.67	2.67				5.3E-04	1.4E-04	6.7E-04
14797-55-8	Nitrate (measured as nitrogen)	434	434				1.1E-03	5.7E-05	1.1E-03
14797-65-0	Nitrite (measured as nitrogen)	43.5	43.5				1.7E-03	9.1E-05	1.8E-03
7440-66-6	Zinc and Compounds	25	25				3.3E-04	1.0E-05	3.4E-04
					Cumulative:	0.0E+00			6.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
359		7664-41-7	Ammonia			ug/L	SW-4									
160		7440-39-3	Barium			ug/L	SW-4									
7.11	J	105-60-2	Caprolactam			ug/L	SW-4									
3.22		7440-50-8	Copper			ug/L	SW-4									
136		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
2.04	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
447		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-4									
27.9	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-4									
0.375	J	108-88-3	Toluene			ug/L	SW-4									
27.6		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	6.1E-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	359	359						
7440-39-3	Barium	160	160				3.2E-03	2.4E-03	5.5E-03
105-60-2	Caprolactam	7.11	7.11				5.6E-05	4.3E-06	6.0E-05
7440-50-8	Copper	3.22	3.22				3.2E-04	1.7E-05	3.3E-04
7439-96-5	Manganese (Non-diet)	136	136				2.2E-02	3.0E-02	5.2E-02
7440-02-0	Nickel Soluble Salts	2.04	2.04				4.0E-04	1.1E-04	5.1E-04
14797-55-8	Nitrate (measured as nitrogen)	447	447				1.1E-03	5.8E-05	1.2E-03
14797-65-0	Nitrite (measured as nitrogen)	27.9	27.9				1.1E-03	5.8E-05	1.2E-03
108-88-3	Toluene	0.375	0.375				1.8E-05	3.9E-05	5.8E-05
7440-66-6	Zinc and Compounds	27.6	27.6				3.6E-04	1.2E-05	3.7E-04
					Cumulative:	0.0E+00			6.1E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
6.43	J	67-64-1	Acetone			ug/L	SW-5									
786		7664-41-7	Ammonia			ug/L	SW-5									
123		7440-39-3	Barium			ug/L	SW-5									
7.34	J	105-60-2	Caprolactam			ug/L	SW-5									
3.64		7440-50-8	Copper			ug/L	SW-5									
0.256	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-5									
3.68		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-5									
0.952	J	7439-92-1	~Lead and Compounds			ug/L	SW-5									
136		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
2.36	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
511		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-5									
80.2	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-5									
1.61	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-5									
0.393	J	79-01-6	Trichloroethylene			ug/L	SW-5									
108		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*	4.2E-08	8.2E-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
67-64-1	Acetone	6.43	6.43				2.8E-05	9.3E-07	2.9E-05
7664-41-7	Ammonia	786	786						
7440-39-3	Barium	123	123				2.4E-03	1.8E-03	4.3E-03
105-60-2	Caprolactam	7.34	7.34				5.8E-05	4.5E-06	6.2E-05
7440-50-8	Copper	3.64	3.64				3.6E-04	1.9E-05	3.8E-04
75-34-3	Dichloroethane, 1,1-	0.256	0.256	7.8E-10	7.0E-10	1.5E-09	5.0E-06	2.5E-06	7.5E-06
156-59-2	Dichloroethylene, cis-1,2-	3.68	3.68				7.3E-03	5.7E-03	1.3E-02
7439-92-1	~Lead and Compounds	0.952	0.952						
7439-96-5	Manganese (Non-diet)	136	136				2.2E-02	3.0E-02	5.2E-02
7440-02-0	Nickel Soluble Salts	2.36	2.36				4.7E-04	1.2E-04	5.9E-04
14797-55-8	Nitrate (measured as nitrogen)	511	511				1.3E-03	6.7E-05	1.3E-03
14797-65-0	Nitrite (measured as nitrogen)	80.2	80.2				3.2E-03	1.7E-04	3.3E-03
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	1.61	1.61				2.1E-07	4.2E-07	6.3E-07
79-01-6	Trichloroethylene	0.393	0.393	1.6E-08	2.5E-08	4.0E-08	3.1E-03	3.0E-03	6.1E-03
7440-66-6	Zinc and Compounds	108	108				1.4E-03	4.5E-05	1.5E-03
					Cumulative:	4.2E-08			8.2E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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:

Duplicate collected from SW-6. The higher concentration is shown.

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
7.34	J	67-64-1	Acetone			ug/L	SW-6/DUP									
800		7664-41-7	Ammonia			ug/L	SW-6/DUP									
118		7440-39-3	Barium			ug/L	SW-6/DUP									
4.27		7440-50-8	Copper			ug/L	SW-6/DUP									
0.367	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-6/DUP									
4.48		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-6/DUP									
0.608		123-91-1	Dioxane, 1,4-			ug/L	SW-6/DUP									
2.2		7439-92-1	~Lead and Compounds			ug/L	SW-6/DUP									
145		7439-96-5	Manganese (Non-diet)			ug/L	SW-6/DUP									
5.87		7440-02-0	Nickel Soluble Salts			ug/L	SW-6/DUP									
535		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-6/DUP									
88.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-6/DUP									
8.36	J	84-74-2	~Dibutyl Phthalate			ug/L	SW-6/DUP									
0.241	J	108-88-3	Toluene			ug/L	SW-6/DUP									
2.62	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-6/DUP									
0.51	J	79-01-6	Trichloroethylene			ug/L	SW-6/DUP									
0.708	J	75-01-4	Vinyl Chloride			ug/L	SW-6/DUP									
132		7440-66-6	Zinc and Compounds			ug/L	SW-6/DUP									

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*	1.3E-05	9.6E-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-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
67-64-1	Acetone	7.34	7.34				3.2E-05	1.1E-06	3.3E-05
7664-41-7	Ammonia	800	800						
7440-39-3	Barium	118	118				2.3E-03	1.8E-03	4.1E-03
7440-50-8	Copper	4.27	4.27				4.2E-04	2.2E-05	4.4E-04
75-34-3	Dichloroethane, 1,1-	0.367	0.367	1.1E-09	1.0E-09	2.1E-09	7.2E-06	3.5E-06	1.1E-05
156-59-2	Dichloroethylene, cis-1,2-	4.48	4.48				8.8E-03	6.9E-03	1.6E-02
123-91-1	Dioxane, 1,4-	0.608	0.608	3.2E-08	1.4E-09	3.4E-08	8.0E-05	1.9E-06	8.2E-05
7439-92-1	~Lead and Compounds	2.2	2.2						
7439-96-5	Manganese (Non-diet)	145	145				2.4E-02	3.2E-02	5.5E-02
7440-02-0	Nickel Soluble Salts	5.87	5.87				1.2E-03	3.1E-04	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	535	535				1.3E-03	7.0E-05	1.4E-03
14797-65-0	Nitrite (measured as nitrogen)	88.5	88.5				3.5E-03	1.9E-04	3.7E-03
84-74-2	~Dibutyl Phthalate	8.36	8.36				3.3E-04	2.5E-03	2.9E-03
108-88-3	Toluene	0.241	0.241				1.2E-05	2.5E-05	3.7E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.62	2.62				3.4E-07	6.8E-07	1.0E-06
79-01-6	Trichloroethylene	0.51	0.51	2.0E-08	3.2E-08	5.2E-08	4.0E-03	3.8E-03	7.9E-03
75-01-4	Vinyl Chloride	0.708	0.708	**8.4E-06**	**4.7E-06**	**1.3E-05**	9.3E-04	5.0E-04	1.4E-03
7440-66-6	Zinc and Compounds	132	132				1.7E-03	5.5E-05	1.8E-03
					Cumulative:	1.3E-05			9.6E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
6.38	J	67-64-1	Acetone			ug/L	SW-7									
798		7664-41-7	Ammonia			ug/L	SW-7									
125		7440-39-3	Barium			ug/L	SW-7									
0.641	J	7440-48-4	Cobalt			ug/L	SW-7									
5.9		7440-50-8	Copper			ug/L	SW-7									
0.335	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-7									
4.63		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-7									
3.34		7439-92-1	~Lead and Compounds			ug/L	SW-7									
181		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
3.12	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
514		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-7									
91.1	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-7									
2.59	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-7									
0.608	J	79-01-6	Trichloroethylene			ug/L	SW-7									
1.61	J	7440-62-2	Vanadium and Compounds			ug/L	SW-7									
0.649	J	75-01-4	Vinyl Chloride			ug/L	SW-7									
155		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*	1.2E-05	1.2E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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
67-64-1	Acetone	6.38	6.38				2.8E-05	9.3E-07	2.9E-05
7664-41-7	Ammonia	798	798						
7440-39-3	Barium	125	125				2.5E-03	1.9E-03	4.3E-03
7440-48-4	Cobalt	0.641	0.641				8.4E-03	1.8E-04	8.6E-03
7440-50-8	Copper	5.9	5.9				5.8E-04	3.1E-05	6.1E-04
75-34-3	Dichloroethane, 1,1-	0.335	0.335	1.0E-09	9.2E-10	1.9E-09	6.6E-06	3.2E-06	9.8E-06
156-59-2	Dichloroethylene, cis-1,2-	4.63	4.63				9.1E-03	7.2E-03	1.6E-02
7439-92-1	~Lead and Compounds	3.34	3.34						
7439-96-5	Manganese (Non-diet)	181	181				3.0E-02	3.9E-02	6.9E-02
7440-02-0	Nickel Soluble Salts	3.12	3.12				6.2E-04	1.6E-04	7.8E-04
14797-55-8	Nitrate (measured as nitrogen)	514	514				1.3E-03	6.7E-05	1.3E-03
14797-65-0	Nitrite (measured as nitrogen)	91.1	91.1				3.6E-03	1.9E-04	3.8E-03
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	0.608	0.608	2.4E-08	3.8E-08	6.2E-08	4.8E-03	4.6E-03	9.4E-03
7440-62-2	Vanadium and Compounds	1.61	1.61				1.3E-03	2.6E-03	3.8E-03
75-01-4	Vinyl Chloride	0.649	0.649	**7.7E-06**	**4.3E-06**	**1.2E-05**	8.5E-04	4.6E-04	1.3E-03
7440-66-6	Zinc and Compounds	155	155				2.0E-03	6.5E-05	2.1E-03
					Cumulative:	1.2E-05			1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
7.26	J	67-64-1	Acetone			ug/L	SW-8									
839		7664-41-7	Ammonia			ug/L	SW-8									
125		7440-39-3	Barium			ug/L	SW-8									
7.46	J	105-60-2	Caprolactam			ug/L	SW-8									
4.01		7440-50-8	Copper			ug/L	SW-8									
4.67		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-8									
0.59		123-91-1	Dioxane, 1,4-			ug/L	SW-8									
142		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
2.46	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-8									
533		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
89.4	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-8									
0.208	J	108-88-3	Toluene			ug/L	SW-8									
2.13	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-8									
0.516	J	79-01-6	Trichloroethylene			ug/L	SW-8									
0.654	J	75-01-4	Vinyl Chloride			ug/L	SW-8									
133		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*	1.2E-05	9.2E-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-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
67-64-1	Acetone	7.26	7.26				3.2E-05	1.1E-06	3.3E-05
7664-41-7	Ammonia	839	839						
7440-39-3	Barium	125	125				2.5E-03	1.9E-03	4.3E-03
105-60-2	Caprolactam	7.46	7.46				5.9E-05	4.5E-06	6.3E-05
7440-50-8	Copper	4.01	4.01				4.0E-04	2.1E-05	4.2E-04
156-59-2	Dichloroethylene, cis-1,2-	4.67	4.67				9.2E-03	7.2E-03	1.6E-02
123-91-1	Dioxane, 1,4-	0.59	0.59	3.1E-08	1.4E-09	3.3E-08	7.8E-05	1.8E-06	7.9E-05
7439-96-5	Manganese (Non-diet)	142	142				2.3E-02	3.1E-02	5.4E-02
7440-02-0	Nickel Soluble Salts	2.46	2.46				4.9E-04	1.3E-04	6.1E-04
14797-55-8	Nitrate (measured as nitrogen)	533	533				1.3E-03	7.0E-05	1.4E-03
14797-65-0	Nitrite (measured as nitrogen)	89.4	89.4				3.5E-03	1.9E-04	3.7E-03
108-88-3	Toluene	0.208	0.208				1.0E-05	2.2E-05	3.2E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.13	2.13				2.8E-07	5.5E-07	8.3E-07
79-01-6	Trichloroethylene	0.516	0.516	2.1E-08	3.2E-08	5.3E-08	4.1E-03	3.9E-03	8.0E-03
75-01-4	Vinyl Chloride	0.654	0.654	**7.8E-06**	**4.3E-06**	**1.2E-05**	8.6E-04	4.7E-04	1.3E-03
7440-66-6	Zinc and Compounds	133	133				1.7E-03	5.6E-05	1.8E-03
					Cumulative:	1.2E-05			9.2E-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 RI-12
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-9 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Brandon Governo
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 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
7.21	J	67-64-1	Acetone			ug/L	SW-9									
843		7664-41-7	Ammonia			ug/L	SW-9									
117		7440-39-3	Barium			ug/L	SW-9									
7.22	J	105-60-2	Caprolactam			ug/L	SW-9									
3.84		7440-50-8	Copper			ug/L	SW-9									
4.97		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-9									
0.698		123-91-1	Dioxane, 1,4-			ug/L	SW-9									
1.01		7439-92-1	~Lead and Compounds			ug/L	SW-9									
130		7439-96-5	Manganese (Non-diet)			ug/L	SW-9									
2.23	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-9									
543		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-9									
93.1	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-9									
0.25	J	108-88-3	Toluene			ug/L	SW-9									
2.69	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-9									
0.673	J	79-01-6	Trichloroethylene			ug/L	SW-9									
0.715	J	75-01-4	Vinyl Chloride			ug/L	SW-9									
125		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 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	9.1E-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-9 Risk Assessment

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.21	7.21				3.2E-05	1.0E-06	3.3E-05
7664-41-7	Ammonia	843	843						
7440-39-3	Barium	117	117				2.3E-03	1.7E-03	4.1E-03
105-60-2	Caprolactam	7.22	7.22				5.7E-05	4.4E-06	6.1E-05
7440-50-8	Copper	3.84	3.84				3.8E-04	2.0E-05	4.0E-04
156-59-2	Dichloroethylene, cis-1,2-	4.97	4.97				9.8E-03	7.7E-03	1.7E-02
123-91-1	Dioxane, 1,4-	0.698	0.698	3.7E-08	1.6E-09	3.9E-08	9.2E-05	2.1E-06	9.4E-05
7439-92-1	~Lead and Compounds	1.01	1.01						
7439-96-5	Manganese (Non-diet)	130	130				2.1E-02	2.8E-02	5.0E-02
7440-02-0	Nickel Soluble Salts	2.23	2.23				4.4E-04	1.2E-04	5.6E-04
14797-55-8	Nitrate (measured as nitrogen)	543	543				1.3E-03	7.1E-05	1.4E-03
14797-65-0	Nitrite (measured as nitrogen)	93.1	93.1				3.7E-03	1.9E-04	3.9E-03
108-88-3	Toluene	0.25	0.25				1.2E-05	2.6E-05	3.8E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.69	2.69				3.5E-07	7.0E-07	1.1E-06
79-01-6	Trichloroethylene	0.673	0.673	2.7E-08	4.2E-08	6.9E-08	5.3E-03	5.1E-03	1.0E-02
75-01-4	Vinyl Chloride	0.715	0.715	**8.5E-06**	**4.7E-06**	**1.3E-05**	9.4E-04	5.1E-04	1.4E-03
7440-66-6	Zinc and Compounds	125	125				1.6E-03	5.2E-05	1.7E-03
					Cumulative:	1.3E-05			9.1E-02

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
380		7664-41-7	Ammonia			ug/L	SW-1									
167		7440-39-3	Barium			ug/L	SW-1									
0.523	J	7440-48-4	Cobalt			ug/L	SW-1									
3.53		7440-50-8	Copper			ug/L	SW-1									
1.44		7439-92-1	~Lead and Compounds			ug/L	SW-1									
327		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.99	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
398		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
137		14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-1									
36.6		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*	0.0E+00	1.5E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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	380	380						
7440-39-3	Barium	167	167				3.3E-03	2.5E-03	5.8E-03
7440-48-4	Cobalt	0.523	0.523				6.9E-03	1.5E-04	7.0E-03
7440-50-8	Copper	3.53	3.53				3.5E-04	1.8E-05	3.7E-04
7439-92-1	~Lead and Compounds	1.44	1.44						
7439-96-5	Manganese (Non-diet)	327	327				5.4E-02	7.1E-02	1.3E-01
7440-02-0	Nickel Soluble Salts	1.99	1.99				3.9E-04	1.0E-04	5.0E-04
14797-55-8	Nitrate (measured as nitrogen)	398	398				9.8E-04	5.2E-05	1.0E-03
14797-65-0	Nitrite (measured as nitrogen)	137	137				5.4E-03	2.9E-04	5.7E-03
7440-66-6	Zinc and Compounds	36.6	36.6				4.8E-04	1.5E-05	5.0E-04
					Cumulative:	0.0E+00			1.5E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
369		7664-41-7	Ammonia			ug/L	SW-2									
183		7440-39-3	Barium			ug/L	SW-2									
3.11		7440-50-8	Copper			ug/L	SW-2									
274		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
4.77	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
420		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
463		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-2									
43.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-2									
30.2		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	1.2E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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	369	369						
7440-39-3	Barium	183	183				3.6E-03	2.7E-03	6.3E-03
7440-50-8	Copper	3.11	3.11				3.1E-04	1.6E-05	3.2E-04
7439-96-5	Manganese (Non-diet)	274	274				4.5E-02	6.0E-02	1.0E-01
7440-02-0	Nickel Soluble Salts	4.77	4.77				9.4E-04	2.5E-04	1.2E-03
14797-55-8	Nitrate (measured as nitrogen)	420	420				1.0E-03	5.5E-05	1.1E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	463	463						
14797-65-0	Nitrite (measured as nitrogen)	43.5	43.5				1.7E-03	9.1E-05	1.8E-03
7440-66-6	Zinc and Compounds	30.2	30.2				4.0E-04	1.3E-05	4.1E-04
					Cumulative:	0.0E+00			1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
360		7664-41-7	Ammonia			ug/L	SW-3									
174		7440-39-3	Barium			ug/L	SW-3									
2.54		7440-50-8	Copper			ug/L	SW-3									
129		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
2.67	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
434		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
477		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-3									
43.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-3									
25		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	6.0E-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-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	360	360						
7440-39-3	Barium	174	174				3.4E-03	2.6E-03	6.0E-03
7440-50-8	Copper	2.54	2.54				2.5E-04	1.3E-05	2.6E-04
7439-96-5	Manganese (Non-diet)	129	129				2.1E-02	2.8E-02	4.9E-02
7440-02-0	Nickel Soluble Salts	2.67	2.67				5.3E-04	1.4E-04	6.7E-04
14797-55-8	Nitrate (measured as nitrogen)	434	434				1.1E-03	5.7E-05	1.1E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	477	477						
14797-65-0	Nitrite (measured as nitrogen)	43.5	43.5				1.7E-03	9.1E-05	1.8E-03
7440-66-6	Zinc and Compounds	25	25				3.3E-04	1.0E-05	3.4E-04
					Cumulative:	0.0E+00			6.0E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
359		7664-41-7	Ammonia			ug/L	SW-4									
160		7440-39-3	Barium			ug/L	SW-4									
7.11	J	105-60-2	Caprolactam			ug/L	SW-4									
3.22		7440-50-8	Copper			ug/L	SW-4									
136		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
2.04	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
447		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-4									
475		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-4									
27.9	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-4									
0.375	J	108-88-3	Toluene			ug/L	SW-4									
27.6		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	6.1E-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	359	359						
7440-39-3	Barium	160	160				3.2E-03	2.4E-03	5.5E-03
105-60-2	Caprolactam	7.11	7.11				5.6E-05	4.3E-06	6.0E-05
7440-50-8	Copper	3.22	3.22				3.2E-04	1.7E-05	3.3E-04
7439-96-5	Manganese (Non-diet)	136	136				2.2E-02	3.0E-02	5.2E-02
7440-02-0	Nickel Soluble Salts	2.04	2.04				4.0E-04	1.1E-04	5.1E-04
14797-55-8	Nitrate (measured as nitrogen)	447	447				1.1E-03	5.8E-05	1.2E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	475	475						
14797-65-0	Nitrite (measured as nitrogen)	27.9	27.9				1.1E-03	5.8E-05	1.2E-03
108-88-3	Toluene	0.375	0.375				1.8E-05	3.9E-05	5.8E-05
7440-66-6	Zinc and Compounds	27.6	27.6				3.6E-04	1.2E-05	3.7E-04
					Cumulative:	0.0E+00			6.1E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
6.43	J	67-64-1	Acetone			ug/L	SW-5									
786		7664-41-7	Ammonia			ug/L	SW-5									
123		7440-39-3	Barium			ug/L	SW-5									
7.34	J	105-60-2	Caprolactam			ug/L	SW-5									
3.64		7440-50-8	Copper			ug/L	SW-5									
0.256	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-5									
3.68		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-5									
0.952	J	7439-92-1	~Lead and Compounds			ug/L	SW-5									
136		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
2.36	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
511		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-5									
591		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-5									
80.2	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-5									
1.61	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-5									
0.393	J	79-01-6	Trichloroethylene			ug/L	SW-5									
108		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*	4.2E-08	8.2E-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
67-64-1	Acetone	6.43	6.43				2.8E-05	9.3E-07	2.9E-05
7664-41-7	Ammonia	786	786						
7440-39-3	Barium	123	123				2.4E-03	1.8E-03	4.3E-03
105-60-2	Caprolactam	7.34	7.34				5.8E-05	4.5E-06	6.2E-05
7440-50-8	Copper	3.64	3.64				3.6E-04	1.9E-05	3.8E-04
75-34-3	Dichloroethane, 1,1-	0.256	0.256	7.8E-10	7.0E-10	1.5E-09	5.0E-06	2.5E-06	7.5E-06
156-59-2	Dichloroethylene, cis-1,2-	3.68	3.68				7.3E-03	5.7E-03	1.3E-02
7439-92-1	~Lead and Compounds	0.952	0.952						
7439-96-5	Manganese (Non-diet)	136	136				2.2E-02	3.0E-02	5.2E-02
7440-02-0	Nickel Soluble Salts	2.36	2.36				4.7E-04	1.2E-04	5.9E-04
14797-55-8	Nitrate (measured as nitrogen)	511	511				1.3E-03	6.7E-05	1.3E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	591	591						
14797-65-0	Nitrite (measured as nitrogen)	80.2	80.2				3.2E-03	1.7E-04	3.3E-03
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	1.61	1.61				2.1E-07	4.2E-07	6.3E-07
79-01-6	Trichloroethylene	0.393	0.393	1.6E-08	2.5E-08	4.0E-08	3.1E-03	3.0E-03	6.1E-03
7440-66-6	Zinc and Compounds	108	108				1.4E-03	4.5E-05	1.5E-03
					Cumulative:	4.2E-08			8.2E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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:

Duplicate collected from SW-6. The higher concentration is shown.

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
7.34	J	67-64-1	Acetone			ug/L	SW-6/DUP									
800		7664-41-7	Ammonia			ug/L	SW-6/DUP									
118		7440-39-3	Barium			ug/L	SW-6/DUP									
4.27		7440-50-8	Copper			ug/L	SW-6/DUP									
0.367	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-6/DUP									
4.48		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-6/DUP									
0.608		123-91-1	Dioxane, 1,4-			ug/L	SW-6/DUP									
2.2		7439-92-1	~Lead and Compounds			ug/L	SW-6/DUP									
145		7439-96-5	Manganese (Non-diet)			ug/L	SW-6/DUP									
5.87		7440-02-0	Nickel Soluble Salts			ug/L	SW-6/DUP									
535		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-6/DUP									
622		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-6/DUP									
88.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-6/DUP									
8.36	J	84-74-2	~Dibutyl Phthalate			ug/L	SW-6/DUP									
0.241	J	108-88-3	Toluene			ug/L	SW-6/DUP									
2.62	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-6/DUP									
0.51	J	79-01-6	Trichloroethylene			ug/L	SW-6/DUP									
0.708	J	75-01-4	Vinyl Chloride			ug/L	SW-6/DUP									
132		7440-66-6	Zinc and Compounds			ug/L	SW-6/DUP									

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*	1.3E-05	9.6E-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-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
67-64-1	Acetone	7.34	7.34				3.2E-05	1.1E-06	3.3E-05
7664-41-7	Ammonia	800	800						
7440-39-3	Barium	118	118				2.3E-03	1.8E-03	4.1E-03
7440-50-8	Copper	4.27	4.27				4.2E-04	2.2E-05	4.4E-04
75-34-3	Dichloroethane, 1,1-	0.367	0.367	1.1E-09	1.0E-09	2.1E-09	7.2E-06	3.5E-06	1.1E-05
156-59-2	Dichloroethylene, cis-1,2-	4.48	4.48				8.8E-03	6.9E-03	1.6E-02
123-91-1	Dioxane, 1,4-	0.608	0.608	3.2E-08	1.4E-09	3.4E-08	8.0E-05	1.9E-06	8.2E-05
7439-92-1	~Lead and Compounds	2.2	2.2						
7439-96-5	Manganese (Non-diet)	145	145				2.4E-02	3.2E-02	5.5E-02
7440-02-0	Nickel Soluble Salts	5.87	5.87				1.2E-03	3.1E-04	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	535	535				1.3E-03	7.0E-05	1.4E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	622	622						
14797-65-0	Nitrite (measured as nitrogen)	88.5	88.5				3.5E-03	1.9E-04	3.7E-03
84-74-2	~Dibutyl Phthalate	8.36	8.36				3.3E-04	2.5E-03	2.9E-03
108-88-3	Toluene	0.241	0.241				1.2E-05	2.5E-05	3.7E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.62	2.62				3.4E-07	6.8E-07	1.0E-06
79-01-6	Trichloroethylene	0.51	0.51	2.0E-08	3.2E-08	5.2E-08	4.0E-03	3.8E-03	7.9E-03
75-01-4	Vinyl Chloride	0.708	0.708	**8.4E-06**	**4.7E-06**	**1.3E-05**	9.3E-04	5.0E-04	1.4E-03
7440-66-6	Zinc and Compounds	132	132				1.7E-03	5.5E-05	1.8E-03
					Cumulative:	1.3E-05			9.6E-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 RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
6.38	J	67-64-1	Acetone			ug/L	SW-7									
798		7664-41-7	Ammonia			ug/L	SW-7									
125		7440-39-3	Barium			ug/L	SW-7									
0.641	J	7440-48-4	Cobalt			ug/L	SW-7									
5.9		7440-50-8	Copper			ug/L	SW-7									
0.335	J	75-34-3	Dichloroethane, 1,1-			ug/L	SW-7									
4.63		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-7									
3.34		7439-92-1	~Lead and Compounds			ug/L	SW-7									
181		7439-96-5	Manganese (Non-diet)			ug/L	SW-7									
3.12	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-7									
514		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-7									
605		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-7									
91.1	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-7									
2.59	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-7									
0.608	J	79-01-6	Trichloroethylene			ug/L	SW-7									
1.61	J	7440-62-2	Vanadium and Compounds			ug/L	SW-7									
0.649	J	75-01-4	Vinyl Chloride			ug/L	SW-7									
155		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*	1.2E-05	1.2E-01	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	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
67-64-1	Acetone	6.38	6.38				2.8E-05	9.3E-07	2.9E-05
7664-41-7	Ammonia	798	798						
7440-39-3	Barium	125	125				2.5E-03	1.9E-03	4.3E-03
7440-48-4	Cobalt	0.641	0.641				8.4E-03	1.8E-04	8.6E-03
7440-50-8	Copper	5.9	5.9				5.8E-04	3.1E-05	6.1E-04
75-34-3	Dichloroethane, 1,1-	0.335	0.335	1.0E-09	9.2E-10	1.9E-09	6.6E-06	3.2E-06	9.8E-06
156-59-2	Dichloroethylene, cis-1,2-	4.63	4.63				9.1E-03	7.2E-03	1.6E-02
7439-92-1	~Lead and Compounds	3.34	3.34						
7439-96-5	Manganese (Non-diet)	181	181				3.0E-02	3.9E-02	6.9E-02
7440-02-0	Nickel Soluble Salts	3.12	3.12				6.2E-04	1.6E-04	7.8E-04
14797-55-8	Nitrate (measured as nitrogen)	514	514				1.3E-03	6.7E-05	1.3E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	605	605						
14797-65-0	Nitrite (measured as nitrogen)	91.1	91.1				3.6E-03	1.9E-04	3.8E-03
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	0.608	0.608	2.4E-08	3.8E-08	6.2E-08	4.8E-03	4.6E-03	9.4E-03
7440-62-2	Vanadium and Compounds	1.61	1.61				1.3E-03	2.6E-03	3.8E-03
75-01-4	Vinyl Chloride	0.649	0.649	**7.7E-06**	**4.3E-06**	**1.2E-05**	8.5E-04	4.6E-04	1.3E-03
7440-66-6	Zinc and Compounds	155	155				2.0E-03	6.5E-05	2.1E-03
					Cumulative:	1.2E-05			1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- East End Park RI-12
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:	3/10/2026
Prepared By:	Brandon Governo
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
7.26	J	67-64-1	Acetone			ug/L	SW-8									
839		7664-41-7	Ammonia			ug/L	SW-8									
125		7440-39-3	Barium			ug/L	SW-8									
7.46	J	105-60-2	Caprolactam			ug/L	SW-8									
4.01		7440-50-8	Copper			ug/L	SW-8									
4.67		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-8									
0.59		123-91-1	Dioxane, 1,4-			ug/L	SW-8									
142		7439-96-5	Manganese (Non-diet)			ug/L	SW-8									
2.46	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-8									
533		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-8									
622		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-8									
89.4	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-8									
0.208	J	108-88-3	Toluene			ug/L	SW-8									
2.13	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-8									
0.516	J	79-01-6	Trichloroethylene			ug/L	SW-8									
0.654	J	75-01-4	Vinyl Chloride			ug/L	SW-8									
133		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*	1.2E-05	9.2E-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-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
67-64-1	Acetone	7.26	7.26				3.2E-05	1.1E-06	3.3E-05
7664-41-7	Ammonia	839	839						
7440-39-3	Barium	125	125				2.5E-03	1.9E-03	4.3E-03
105-60-2	Caprolactam	7.46	7.46				5.9E-05	4.5E-06	6.3E-05
7440-50-8	Copper	4.01	4.01				4.0E-04	2.1E-05	4.2E-04
156-59-2	Dichloroethylene, cis-1,2-	4.67	4.67				9.2E-03	7.2E-03	1.6E-02
123-91-1	Dioxane, 1,4-	0.59	0.59	3.1E-08	1.4E-09	3.3E-08	7.8E-05	1.8E-06	7.9E-05
7439-96-5	Manganese (Non-diet)	142	142				2.3E-02	3.1E-02	5.4E-02
7440-02-0	Nickel Soluble Salts	2.46	2.46				4.9E-04	1.3E-04	6.1E-04
14797-55-8	Nitrate (measured as nitrogen)	533	533				1.3E-03	7.0E-05	1.4E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	622	622						
14797-65-0	Nitrite (measured as nitrogen)	89.4	89.4				3.5E-03	1.9E-04	3.7E-03
108-88-3	Toluene	0.208	0.208				1.0E-05	2.2E-05	3.2E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.13	2.13				2.8E-07	5.5E-07	8.3E-07
79-01-6	Trichloroethylene	0.516	0.516	2.1E-08	3.2E-08	5.3E-08	4.1E-03	3.9E-03	8.0E-03
75-01-4	Vinyl Chloride	0.654	0.654	**7.8E-06**	**4.3E-06**	**1.2E-05**	8.6E-04	4.7E-04	1.3E-03
7440-66-6	Zinc and Compounds	133	133				1.7E-03	5.6E-05	1.8E-03
					Cumulative:	1.2E-05			9.2E-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 RI-12
Site Address:	1200 N Alston Ave, Durham, NC 27701
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000823
Exposure Unit ID:	SW-9 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Brandon Governo
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 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
7.21	J	67-64-1	Acetone			ug/L	SW-9									
843		7664-41-7	Ammonia			ug/L	SW-9									
117		7440-39-3	Barium			ug/L	SW-9									
7.22	J	105-60-2	Caprolactam			ug/L	SW-9									
3.84		7440-50-8	Copper			ug/L	SW-9									
4.97		156-59-2	Dichloroethylene, cis-1,2-			ug/L	SW-9									
0.698		123-91-1	Dioxane, 1,4-			ug/L	SW-9									
1.01		7439-92-1	~Lead and Compounds			ug/L	SW-9									
130		7439-96-5	Manganese (Non-diet)			ug/L	SW-9									
2.23	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-9									
543		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-9									
636		E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-9									
93.1	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-9									
0.25	J	108-88-3	Toluene			ug/L	SW-9									
2.69	J	76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-			ug/L	SW-9									
0.673	J	79-01-6	Trichloroethylene			ug/L	SW-9									
0.715	J	75-01-4	Vinyl Chloride			ug/L	SW-9									
125		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 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	9.1E-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-9 Risk Assessment

Receptor Type: _____

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.21	7.21				3.2E-05	1.0E-06	3.3E-05
7664-41-7	Ammonia	843	843						
7440-39-3	Barium	117	117				2.3E-03	1.7E-03	4.1E-03
105-60-2	Caprolactam	7.22	7.22				5.7E-05	4.4E-06	6.1E-05
7440-50-8	Copper	3.84	3.84				3.8E-04	2.0E-05	4.0E-04
156-59-2	Dichloroethylene, cis-1,2-	4.97	4.97				9.8E-03	7.7E-03	1.7E-02
123-91-1	Dioxane, 1,4-	0.698	0.698	3.7E-08	1.6E-09	3.9E-08	9.2E-05	2.1E-06	9.4E-05
7439-92-1	~Lead and Compounds	1.01	1.01						
7439-96-5	Manganese (Non-diet)	130	130				2.1E-02	2.8E-02	5.0E-02
7440-02-0	Nickel Soluble Salts	2.23	2.23				4.4E-04	1.2E-04	5.6E-04
14797-55-8	Nitrate (measured as nitrogen)	543	543				1.3E-03	7.1E-05	1.4E-03
E701177	Nitrate + Nitrite (measured as nitrogen)	636	636						
14797-65-0	Nitrite (measured as nitrogen)	93.1	93.1				3.7E-03	1.9E-04	3.9E-03
108-88-3	Toluene	0.25	0.25				1.2E-05	2.6E-05	3.8E-05
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	2.69	2.69				3.5E-07	7.0E-07	1.1E-06
79-01-6	Trichloroethylene	0.673	0.673	2.7E-08	4.2E-08	6.9E-08	5.3E-03	5.1E-03	1.0E-02
75-01-4	Vinyl Chloride	0.715	0.715	**8.5E-06**	**4.7E-06**	**1.3E-05**	9.4E-04	5.1E-04	1.4E-03
7440-66-6	Zinc and Compounds	125	125				1.6E-03	5.2E-05	1.7E-03
					Cumulative:	1.3E-05			9.1E-02